

حمل الآن

مجاناً وحصرياً

المراجعة رقم (1)

اختبار شهر مارس



General Revision

On Unit 7

1. Choose the correct answer.

1. The fraction $2\frac{8}{10}$ is equivalent to _____

[El-Kalyoubia 25]

A. $2\frac{4}{5}$

B. 5

C. $\frac{4}{5}$

D. 4

2. The simplest form of $\frac{36}{48}$ is _____

[El Fayoum 23 • El Beheira - El Nobaria 23]

A. $\frac{6}{8}$

B. $\frac{3}{2}$

C. $\frac{2}{3}$

D. $\frac{3}{4}$

3. The smallest like denominator of $\frac{2}{3}$ and $\frac{3}{4}$ is _____

[Port Said 23]

A. 3

B. 12

C. 7

D. 24

4. The equivalent fraction of $\frac{2}{8}$ is _____

[Suez 23]

A. $\frac{4}{8}$

B. $\frac{2}{4}$

C. $\frac{1}{4}$

D. $\frac{4}{10}$

5. $\frac{16}{24} = \frac{1}{3}$

[Beni Suef 23]

A. 2

B. 3

C. 4

D. 8

6. $\frac{3}{7} - \frac{1}{7} = \frac{1}{7}$

[Alex. - Montaza 23]

A. 1

B. $\frac{1}{7}$

C. $\frac{2}{7}$

D. $\frac{4}{7}$

7. The sum of $\left[\frac{2}{3} + \frac{7}{9}\right] =$ _____

[Alex. - Amerya 23]

A. $1\frac{2}{9}$

B. $\frac{2}{9}$

C. $1\frac{4}{9}$

D. $\frac{4}{9}$

8. $\frac{3}{5} = \frac{1}{100}$

[Cairo - Helwan 23]

A. 3

B. 30

C. 60

D. 600

9. The fraction $\frac{15}{20}$ is equivalent to _____

[Alex. - Agami 23]

A. $\frac{5}{10}$

B. $1\frac{1}{5}$

C. $\frac{3}{4}$

D. 1.5

10. $\frac{1}{10} + \frac{9}{20} =$ _____

[El-Dakahlia 25]

A. 1.9

B. $\frac{11}{20}$

C. $\frac{10}{30}$

D. $\frac{19}{30}$

11. $\frac{3}{4} - \frac{1}{3} =$ _____

[Cairo - Bab El Sharya 23]

A. 2

B. $\frac{2}{12}$

C. $\frac{5}{12}$

D. $\frac{12}{5}$

12. $\frac{3}{7} + \frac{2}{7} + \frac{1}{7} = 1$

[El Fayoum 23]

A. $\frac{1}{7}$

B. $\frac{2}{7}$

C. $\frac{3}{7}$

D. $\frac{4}{7}$

13. If $\frac{7}{14} + k = 1$, then the value of k = _____

[Cairo - Shoubra 23]

A. $\frac{8}{14}$

B. $\frac{1}{2}$

C. $\frac{5}{14}$

D. $\frac{5}{7}$

14. If $\frac{4}{7} + \frac{1}{3} = \frac{x}{21} + \frac{7}{21}$, then $x =$ _____

A. 12

B. 3

C. 7

D. 4

[El Menofia - Menof 25]

15. $\frac{1}{4} + \frac{3}{8} =$ _____

A. $\frac{4}{12}$

B. $\frac{1}{3}$

C. $\frac{5}{8}$

D. $1\frac{1}{2}$

[El-Monofia - El Sadat 23]

16. If $\frac{5}{8} = \frac{x}{40}$, then $x =$ _____

A. 1

B. 25

C. 5

D. 8

[El Menia - Mallawi 23]

17. The L.C.M of denominators of $\frac{5}{6}$ and $\frac{3}{8}$ is _____

A. 12

B. 36

C. 24

D. 6

[Giza - Kerdasa 23]

18. $2\frac{25}{40}$ is equivalent to _____

A. $2\frac{8}{5}$

B. $2\frac{10}{40}$

C. $2\frac{5}{8}$

D. $1\frac{12}{20}$

[El-Monofia - Ashmon 23]

19. $\frac{1}{2} + \frac{1}{3} =$ _____

A. $\frac{1}{2}$

B. $\frac{3}{5}$

C. $\frac{5}{6}$

D. $\frac{1}{6}$

[Aswan - Edfo 23]

20. $\frac{2}{6} + \frac{1}{6} + \frac{4}{6} + \frac{5}{6} =$ _____

A. 4

B. 1

C. 2

D. 3

[Souhag 23]

21. If $\frac{3}{7} = \frac{A}{35}$, then $A =$ _____

A. 12

B. 27

C. 15

D. 21

[Alex. - Middle 25]

2. Complete the following.

1. $1 - \frac{2}{9} =$ _____

[Giza - El Haram 23]

2. $1 - \frac{\quad}{\quad} = \frac{3}{4}$

[Cairo - Bab El Sharya 23]

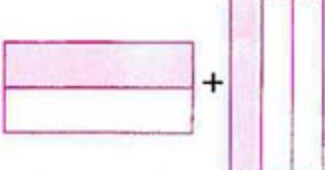
3. $\frac{3}{7} + \frac{3}{14} =$ _____

[El-Gharbia 25]

4. If $\frac{2}{5} + y = \frac{3}{5}$, then $y =$ _____

[El-Menia - Deir Mawas 23]

5.  = _____

6.  = _____

7. If $\frac{5}{9} - a = \frac{2}{9}$, then $a =$ _____

8. The L.C.M of denominators of $\frac{4}{5}$ and $\frac{2}{25}$ is _____

[Cairo - Shoubra 23]

9. $\frac{1}{5} + \frac{1}{2} =$ [Port Said 23]
10. $1 - \frac{2}{7} =$ [Kafr El-Sheikh 23]
11. Rewrite the given two fractions $\frac{2}{5}$ and $\frac{3}{10}$ with like denominator
12. $\frac{2}{3} + \frac{1}{5} =$ [Alex. - Montaza 23]
13. $1 - \frac{5}{7} =$ [Alex. - Agami 23]
14. $1 - \frac{5}{9} =$ [Ismailia 23]
15. If $\frac{3}{4} = \frac{b}{16}$, then $b =$ [El Beheira - El Nobaria 23]
16. The smallest like denominator of $\frac{2}{3}$ and $\frac{3}{4}$ is [Suez 23]
17. The L.C.M of the denominators of $\frac{2}{5}$ and $\frac{1}{3}$ is [Suez 23]
18. If $\frac{3}{5} = \frac{a}{25}$, then $a =$ [Kafr El-Sheikh 23]
19. The simplest form of $\frac{6}{12}$ is [Port Said 23]
20. The simplest form of $\frac{24}{18}$ is $\frac{a}{3}$, then $a =$ [Aswan - Kom Ombo 23]
21. $\frac{2}{3} - \frac{17}{30} =$ [Alex. - El Gomrok 25]
22. $\frac{1}{8} = \frac{2}{8}$ [Cairo - El Sharabia 23]
23. The L.C.M of denominators of $\frac{1}{3}$ and $\frac{5}{12}$ is [El Monofia - Berket El Sabea 23 • Menof 23 • Giza - El Haram 23]
24. If $\frac{5}{7} = \frac{a}{35}$, then $a =$ [Cairo - El Sahel 23]
25. $1 - \frac{3}{4} =$ [El Monofia - Sadat 23]

3. Answer the following questions.

1. Hossam ate $\frac{1}{5}$ of the pie and his sister ate $\frac{1}{3}$ of the same pie.
What is the total amount they ate together? [New Vally 25]
2. Essam bought $\frac{5}{7}$ kg of oranges. He use $\frac{2}{3}$ kg as juice.
What is the remainder of oranges? [Alex. - Amreya 23]
3. Maha has $\frac{1}{2}$ kg of flour. She used $\frac{2}{5}$ kg of it. What is the rest with her? [Aswan - Edfu 23]
4. Karim walked $\frac{1}{5}$ km and Sameh walked $\frac{1}{3}$ km more. What distance that Sameh walked? [El Monofia - Talaa 23]
5. Find three equivalent fractions for $\frac{2}{3}$ [Port Said 25]
6. Find the result using a common denominator [L.C.M]: $\frac{1}{4} + \frac{2}{3} =$

General Revision

On Unit 8

1. Choose the correct answer.

1. $1\frac{1}{4} + 3\frac{1}{2} =$ _____

A. $4\frac{2}{4}$

B. $4\frac{3}{4}$

C. 5

D. $2\frac{3}{4}$

[Alex. - Montaza 25]

2. If $a + 5\frac{5}{6} = 9\frac{1}{12}$, then $a =$ _____

A. $4\frac{4}{12}$

B. 4

C. $3\frac{1}{4}$

D. $4\frac{9}{12}$

[Assiut 23]

3. 80 minutes = _____ hours.

A. $1\frac{1}{2}$

B. $2\frac{1}{3}$

C. $1\frac{1}{3}$

D. $1\frac{1}{4}$

[Ismailia 25]

4. $1\frac{1}{8}$ days = _____ hours.

A. 24

B. 8

C. 27

D. 18

[Aswan - Kom Ombo 23]

5. $1\frac{1}{2}$ hours = _____ minutes

A. 60

B. 30

C. 90

D. 120

[Luxor 23]

6. $4\frac{1}{3}$ hours = _____ minutes.

A. 52

B. 120

C. 260

D. 130

[Giza - North 25]

7. If $k - 1\frac{1}{3} = 4\frac{2}{3}$, then $k =$ _____

A. 6

B. 5

C. $3\frac{1}{5}$

D. $5\frac{3}{6}$

[Alex. - Agami 23]

8. The fraction $2\frac{1}{4}$ by regrouping is _____

A. $2\frac{5}{4}$

B. $\frac{9}{2}$

C. $1\frac{5}{4}$

D. $\frac{5}{4}$

[Kafr El-Sheikh 23]

9. If $3\frac{2}{3} - b = 1$, then the value of $b =$ _____

A. 2

B. $2\frac{2}{3}$

C. 1

D. $\frac{2}{3}$

[Cairo - El Zaiton 23]

10. The fraction $1\frac{4}{5}$ by regrouping is _____

A. $\frac{4}{9}$

B. $\frac{9}{5}$

C. $\frac{13}{18}$

D. $\frac{13}{9}$

[Cairo - El Zaiton 23]

11. $5 + \frac{3}{5} + \frac{2}{5} =$ _____

A. $5\frac{3}{5}$

B. 6

C. $\frac{18}{4}$

D. 4

[El Beheira - El Nobaria 23]

12. $6\frac{2}{3} - 4\frac{1}{2} =$ _____

A. $2\frac{7}{6}$

B. $2\frac{1}{5}$

C. $1\frac{1}{6}$

D. $2\frac{1}{6}$

[Kafr El-Sheikh 23]

13. $5 - 2\frac{1}{2} =$ _____

A. $\frac{1}{2}$

B. $2\frac{1}{2}$

C. 1

D. $1\frac{1}{3}$

[Suez 23]

14. $2\frac{1}{7} + \text{---} = 5$

[Kafir El-Sheikh 23]

A. $2\frac{6}{7}$

B. $2\frac{1}{7}$

C. $\frac{6}{7}$

D. $1\frac{6}{7}$

15. $\frac{3}{4}$ year = --- months.

[Cairo - El Sahel 23]

A. 3

B. 4

C. 6

D. 9

16. If $5\frac{1}{4} - 4\frac{a}{4} = \frac{3}{4}$, then $a =$ ---

A. 1

B. 2

C. 3

D. 4

17. If $\frac{11}{7}$ is equivalent to $m\frac{4}{7}$, then $m =$ ---

A. 1

B. 4

C. 7

D. 11

18. The value of point C = ---



[El-Beheira 25]

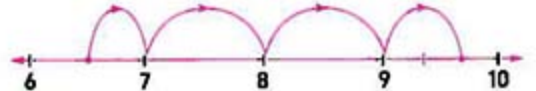
A. 2

B. 4

C. 5

D. 6

19. The opposite number line represents ---



[Giza - Awseem 23]

A. $9\frac{2}{3} - 6\frac{1}{2}$

B. $9\frac{2}{3} + 6\frac{1}{2}$

C. $2\frac{5}{6} + 6\frac{1}{2}$

D. $6\frac{1}{2} - 2\frac{5}{6}$

20. $4\frac{3}{5} - 2\frac{1}{3} =$ ---

[Qena 23]

A. $2\frac{2}{5}$

B. 3

C. $2\frac{4}{15}$

D. $2\frac{2}{15}$

21. $4\frac{3}{5} \neq$ ---

A. $8\frac{6}{10}$

B. $\frac{23}{5}$

C. $4\frac{6}{10}$

D. $3\frac{8}{5}$

2. Complete the following.

1. $1\frac{1}{2}$ hours = --- minutes.

[Alexandria - Agami 23]

2. $2\frac{1}{2}$ years = --- months.

[El Monofia - El Shohadaa 23]

3. $4\frac{5}{6} + 1\frac{1}{6} =$ ---

[El Menia - Mallawi 23]

4. If $x + 1\frac{3}{5} = 4\frac{4}{5}$, then $x =$ ---

[Beni Suef 23]

5. If $7\frac{3}{9} + d = 12\frac{6}{9}$, then $d =$ ---

[Cairo - El Nozha 25]

6. $4\frac{3}{8} + 3\frac{5}{8} =$ ---

[Aswan - Kom Ombo 23]

7. $2\frac{3}{5} + 1\frac{4}{5} =$ --- (in simplest form)

[Qena 23]

8. 2 hours = --- minutes.

[Kafir El-Sheikh 23]

9. $3\frac{2}{5} - 1\frac{4}{5} =$ ---

[Cairo - Ain Shams 25]

10. $\quad - 2\frac{2}{5} = 1\frac{3}{5}$ [Kafr El-Sheikh 23]
11. If $x + 2\frac{1}{7} = 6\frac{4}{7}$, then $x =$ [Ismailia 23]
12. $2\frac{1}{2}$ hours = $\quad$ minutes. [Cairo - El Sahel • Giza - El Haram 23]
13. $\frac{1}{2}$ year = $\quad$ months. [Cairo - Bab El Sharya 23]
14. 2 hours and 15 minutes = $\quad$ minutes. [Cairo - Shoubra 23]
15. $2\frac{1}{3} - \frac{1}{4} =$ [New Vally 25]
16. $3\frac{3}{4} + 9\frac{5}{12} =$ [in simplest form] [Qena 23]
17. $7\frac{1}{10}$ minutes = $\quad$ minutes and $\quad$ seconds. [Assiut 23]
18. $3 - 2\frac{1}{2} =$ [El Menia - Beni Mazar 23]
19. 80 minutes = $\quad$ hour [s] [as a mixed number] [Aswan - Edfo 23]
20. $\frac{1}{5}$ hour = $\quad$ minutes. [El Monofia - Berket El Sabea 23 • Menof 23]
21. $7\frac{3}{8} + \quad = 9\frac{1}{4}$ [Cairo - Bab El Sharya 23]
22. $\quad + 2\frac{5}{7} = 4\frac{3}{14}$ [Giza - Awseem 23]
23. $2 - \frac{3}{4} =$ [Giza - 6th October 23]

3. Answer the following questions.

1. Hend has a full bottle of juice. If she drinks $\frac{4}{7}$ of the juice and her sister drinks $\frac{2}{5}$ of the juice. How much juice is left in the bottle? [El Beheira 25]
2. Marawan studied Math for $1\frac{1}{2}$ hours and Science for 60 minutes. How many minutes did Marawan study in all? [Ismailia 23]
3. Gina walked $1\frac{1}{2}$ km and Amany walked $2\frac{2}{5}$ km more than Gina. How many km did Amany walk? [El Beheira - El Nobaria 23]
4. Seif studied Math for $1\frac{1}{2}$ hours and Science for 30 minutes. How many hours did Seif study in all? [El Menia - Deir Mawas 23]
5. Omar has $6\frac{3}{4}$ of pies. If he gave his friend $2\frac{1}{3}$ of pies. How many pies are remaining with him? [El-Behira 25]

6. Use a number line to find the difference.

$$7\frac{2}{3} - 5\frac{1}{4} =$$



7. Use an area model to add.

$$1\frac{1}{3} + 2\frac{1}{2}$$



General Revision

On Unit 9

1. Choose the correct answer.

1. The number of thirds in one is _____

[Cairo - Bab El Sharya 23 • Kafr El-Sheikh 23]

A. 1

B. 2

C. 3

D. $\frac{1}{3}$

2. $2\frac{3}{8} = \frac{\quad}{8}$ [Improper fraction]

[Cairo - Ain Shams 25]

A. 8

B. 23

C. 16

D. 19

3. $4 \div \frac{1}{2} =$ _____

[El Monofia - Tala 23, Kafr El-Sheikh 23]

A. 2

B. 6

C. 8

D. $4\frac{1}{2}$

4. $\frac{1}{2} \div 5 =$ _____

[Giza - 6th of October 25]

A. $5\frac{1}{2}$

B. $\frac{2}{5}$

C. $\frac{1}{10}$

D. $\frac{2}{10}$

5. If $8 \div m = 24$, then $m =$ _____

[Kafr El-Sheikh 23]

A. 3

B. $\frac{1}{3}$

C. $\frac{1}{2}$

D. 32

6. $5 \times \frac{1}{5}$ ☐ $5 \div \frac{1}{5}$

[Alex. - Montaza 23]

A. <

B. =

C. >

D. $\geq$

7. $7 \div \frac{1}{8} = 7 \times$ _____

[Cairo - Helwan 23]

A. $\frac{1}{8}$

B. $\frac{2}{4}$

C. 4

D. 8

8. $2\frac{1}{3} \times \frac{3}{7} =$ _____

[Kafr El-Sheikh 23]

A. $\frac{4}{4}$

B. $\frac{3}{7}$

C. $2\frac{1}{7}$

D. $\frac{7}{3}$

9. If $12 \div 7 = 1\frac{a}{7}$, then $a =$ _____

[Giza - 6th October 23]

A. 2

B. 7

C. 5

D. 12

10. $13 \div 7$ equals each of the following except _____

[Cairo - Bab El Sharya 23]

A. $1 + \frac{6}{7}$

B. $1\frac{6}{7}$

C. $1 \times \frac{6}{7}$

D. $\frac{26}{14}$

11. The division problem that expresses the following situation "5 oranges shared by 7 students" is _____

[El Menia - Beni Mazar 23]

A. $2 \div 5$

B. $5 \div 2$

C. $5 \div 7$

D. $7 \div 5$

12. Study the multiplication area model and fill the missing

fraction $\frac{2}{6} \times$ _____

A. $\frac{3}{6}$

B. 3

C. $\frac{3}{7}$

D. $\frac{6}{7}$



[Assiut 23]

13. If $\frac{1}{4} \times m = \frac{1}{20}$, then $m =$ _____

A. 5

B. $\frac{1}{5}$

C. 10

D. $\frac{1}{10}$

[El Beheira 23]

14. If $\frac{3}{7} \times b = \frac{3}{7} + \frac{3}{7}$, then $b =$ _____

A. 1

B. 2

C. 3

D. 7

[El Monofia - Talaa 23]

15. $\frac{1}{2} \times \frac{3}{2} \bigcirc \frac{1}{2}$

A. <

B. >

C. =

D. $\leq$

[El Monofia - El Sadaat 23]

16. $5 \times \frac{3}{7} \bigcirc 7 \times \frac{3}{7}$

A. >

B. <

C. =

D. $\geq$

[El Menia - Deir Mawas 23]

17. If $\frac{1}{3} \times a = 1\frac{1}{3}$, then $a =$ _____

A. 1

B. 2

C. 3

D. 4

[Kafr El-Sheikh 23]

18. $3 \times \frac{5}{9} =$ _____ $\times \frac{3}{9}$

A. 5

B. 3

C. 9

D. $\frac{3}{5}$

[El Monofia - El Sadaat 23]

19. The unit fraction is a fraction with numerator = _____

A. 1

B. 2

C. 3

D. 0

[Luxor 23]

20. $\frac{17}{2}$ is equivalent to _____

A. $8\frac{1}{2}$

B. $6\frac{1}{2}$

C. $5\frac{1}{2}$

D. $1\frac{2}{7}$

[Beni Suef 23]

2. Complete the following.

1. $2\frac{1}{5} = \frac{\quad}{5}$

[Kafr El-Sheikh 23]

2. $3\frac{1}{4} \times 7 = [7 \times \frac{1}{4}] + [7 \times \quad]$

[Cairo - EL Salam 25]

3. $2\frac{3}{11} \times 3 =$ _____

[Assiut 23]

4. $3\frac{1}{4} \times \frac{1}{2} = [3 + \text{---}] \times \frac{1}{2}$

[El Monofia - El Shohadaa 23 • Souhag 23]

5. If $\frac{1}{2} \times a = \frac{1}{8}$, then $a = \text{---}$

[Cairo - El Nozha 25]

6. $4 \times \frac{1}{4} = \text{---}$

[El Monofia - Talaa 23 • Ismailia 23]

7. $2 \times 3\frac{5}{8} = \text{---}$ [in simplest form]

[Qena 23]

8. $\frac{1}{3}$ of 12 squares = --- squares.

[Cairo - El Zaiton 23]

9. If $a \times \frac{3}{17} = \frac{3}{17}$, then $a = \text{---}$

[Giza - 6th October 23]

10. If $\frac{7}{8} \times 12 = \frac{14}{8} \times x$, then $x = \text{---}$

[Giza - Awseem 23]

11. $2\frac{1}{5} \times 2 = \text{---}$

[Giza - El Haram 23]

12. $\frac{3}{8} \times \frac{5}{8} = \frac{15}{56}$

[Suez 23]

13. If $\frac{1}{3} \times a = 2$, then $a = \text{---}$

[Port Said 23]

14. $\frac{4}{11} \times \text{---} = \frac{4}{11} + \frac{4}{11} + \frac{4}{11} + \frac{4}{11}$

[Cairo - El Sharabia 23]

15. $\frac{2}{3}$ of 9 = ---

[El Menia - Beni Mazar 23]

16. $\frac{2}{3} \times \frac{3}{8} \times \frac{8}{9} = \text{---}$

[Cairo - Bab El Sharya 23]

17. $\frac{4}{5} \times \frac{5}{32} = \text{---}$ [in the simplest form]

[El Menia - Deir Mawas 23]

18. $\frac{3}{5} \times \frac{3}{4} = \frac{3}{5}$

[El Menia - Mallawi 23]

19. $\frac{1}{3} \times \text{---} = \frac{1}{9}$

[El Beheira - El Nobaria 23]

20. $\frac{2}{11} \times \text{---} = \frac{3}{11}$

[El Monofia - Qesna 23]

21. $16 \div 7 = 2\frac{\text{---}}{7}$

[Kafr El-Sheikh 23]

22. The quotient of: $8 \div 5 = \text{---}$

[El Monofia - Ashmoon 23]

23. Nora divides 6 hours equally to study 4 subjects, then the number of hours for each subject is --- hour[s].

[El Monofia - Ashmoon 23]

24. $\frac{3}{5} \times \text{---} = 1$

[Port Said 23]

25. $\frac{1}{5} \times 2\frac{3}{7} = \text{---}$

[Cairo - Ain Shams 25]

26. $6 \div \frac{1}{3} = \text{---}$

[Beni Suef 23]

27. If $\frac{1}{3} \div a = \frac{1}{12}$, then $a = \text{---}$

[Assiut 23]

28. $18 \div \frac{1}{2} = 18 \times$ _____

[Cairo - Shoubra 23]

29. $4 \frac{1}{4} \times \frac{3}{5} = \frac{\quad}{4} \times \frac{3}{5}$

[Alex. - Agami 23]

3. Answer the following questions.

1. If the price of 16 pens is 26 L.E. Find the price of each one.

[Giza - 6th October 23]

2. If the price of a pen is $2 \frac{1}{2}$ pounds. Find the price of 6 pens.

[El Menia - Mallawi 23]

3. Maya ate $\frac{1}{4}$ of 24 candies. How many candies are left?

[El Menia - Deir Mawas 23]

4. Moustafa is harvesting sugarcane. He can harvest $3 \frac{3}{4}$ kg. of sugarcane in 1 hour.
If he plans to work for $2 \frac{1}{2}$ hours, how much sugarcane will he harvest?

[Cairo - El Sahel 23 • El Fayoum 23]

5. Giovanni earns $7 \frac{1}{4}$ L.E. for an hour. He works 4 hours per day.
How much money does he earn per day?

[Giza - Awseem 23]

6. There are 8 bags of fava beans, each bag has a mass of $\frac{3}{4}$ of a kilogram. What is the total mass of the fava beans?

[Cairo - El Zaiton 23]

7. Adel has 5 pieces of candy, he wants to divided them among the number of his friends.
If each of them has a share $\frac{1}{2}$ piece. How many friends do he have?

[Aswan - Edfo 23]

8. Fatma feeds her cat $\frac{1}{8}$ of kilogram of cat food each day. How much cat food does she need to feed her cat for 3 days?

[El Monofia - Berket El Sabea 23 • Menof 23 • El Sadaat 23]

9. A turtle crawls $\frac{1}{3}$ kilometer per day. How many days will it take for a turtle to cover a distance of 6 kilometers?

[New Vally 25]

10. Reham bought $2 \frac{1}{2}$ kilograms of apples, the price of one kilogram is 20 pounds.
How much did Reham pay?

March Tests

Till lesson 6 unit 9

Test 1

Total mark
10

(3 marks)

1. Choose the correct answer.

- The mixed number $4\frac{1}{3}$ can be regrouped as _____
 A. $\frac{13}{4}$ B. $3\frac{1}{4}$ C. $3\frac{4}{3}$ D. $4 + \frac{1}{3}$
- $4 \times 5 + \frac{4}{5} \times 5 =$ _____ $\times 5$
 A. $\frac{24}{5}$ B. 4 C. $\frac{4}{5}$ D. $5\frac{4}{5}$
- $2\frac{1}{4} - 1\frac{1}{2} =$ _____
 A. $1\frac{1}{4}$ B. $\frac{3}{4}$ C. $3\frac{3}{4}$ D. $1\frac{1}{2}$

2. Answer each of the following.

- Adel studied Mathematics for $1\frac{1}{3}$ hour and English for 50 minutes. How many minutes did Adel study in all? (1 mark)

- Evaluate. $1\frac{1}{2} \times 2$ (1 mark)

- The price of 8 notebooks is 43 L.E. (1 mark)
 Find the price of each notebook.
- Find the value of k. $\frac{k}{5} + \frac{3}{15} = \frac{6}{15} + \frac{3}{15}$ (1 mark)
- Use the number line to find the difference. $3\frac{5}{6} - 2\frac{2}{3}$ (1 mark)
- Write two different multiplication expressions that have the same product as $\frac{12}{13} \times 10$ (1 mark)

- Ali studied Arabic for $3\frac{1}{5}$ hours and Science for $2\frac{4}{5}$ hours. (1 mark)
 How many hours did Ali study in all?

Test 2


(3 marks)

1. Choose the correct answer.

- $\frac{3}{7} + \frac{4}{7} =$
 A. $\frac{7}{14}$ B. $\frac{4}{4}$ C. $\frac{21}{28}$ D. $\frac{12}{49}$
- The opposite model area represents
 A. $\frac{4}{3} \times \frac{1}{3}$ B. $1\frac{1}{3} \times 2$ C. $2 \times \frac{1}{3} \times \frac{1}{3}$ D. $2 + \frac{1}{3}$
- If $\frac{8}{9} \times b = \frac{8}{9}$, then $b =$
 A. $\frac{8}{9}$ B. $\frac{4}{9}$ C. $\frac{1}{2}$ D. 1

1	$\frac{1}{3}$
1	$\frac{1}{3}$

2. Answer each of the following.

- Find the value of k . $k - \frac{5}{7} = \frac{1}{4}$ (1 mark)

- Marwan ate $\frac{3}{4}$ pieces of chocolate. His friend Wael ate $1\frac{1}{2}$ pieces more than him. How many pieces did Wael eat? (1 mark)

- Hany bought $2\frac{4}{7}$ kg of honey, he gave his brother $1\frac{3}{7}$ kg of them. How many kg was left? (1 mark)

- If the price of a pen is $2\frac{1}{2}$ pounds. Find the price of 10 pens. (1 mark)

- Use the number line to find the difference.



$$7\frac{2}{3} - 5\frac{1}{4} =$$

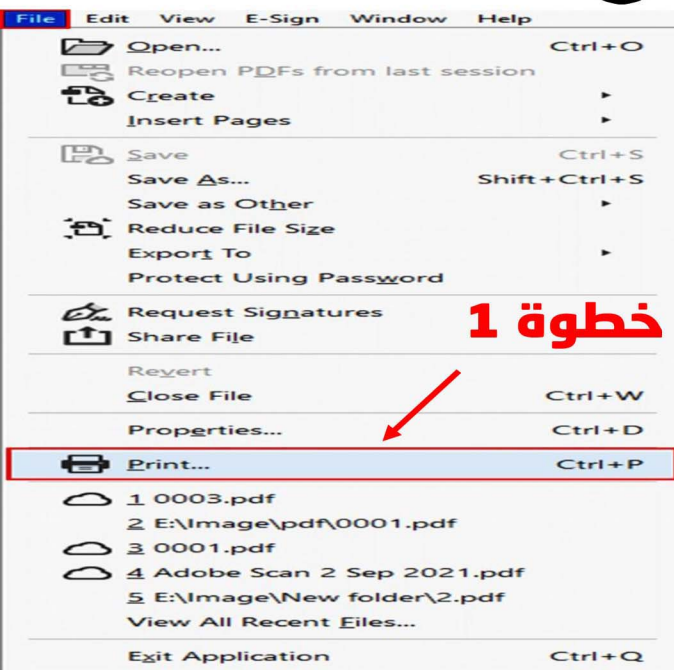
(1 mark)

- Amira studied Math for $1\frac{1}{2}$ hours and Science for 30 minutes. How many hours did Amira study in all? (1 mark)

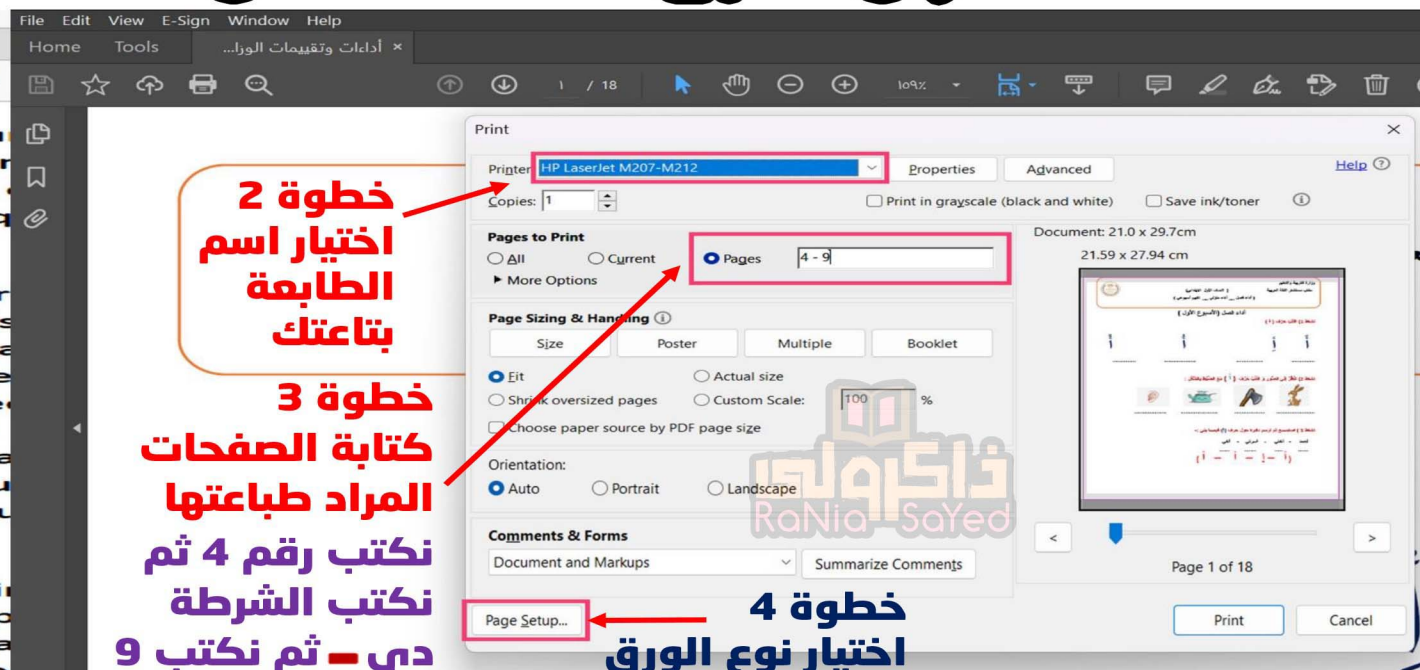
- Write at least three different multiplication expressions that have the same product as $\frac{5}{7} \times 12$. (1 mark)

كيفية طباعة صفحات معينة من ملف معين

مثلا ازاي نطبع الصفحات من صفحة 4 الى صفحة 9



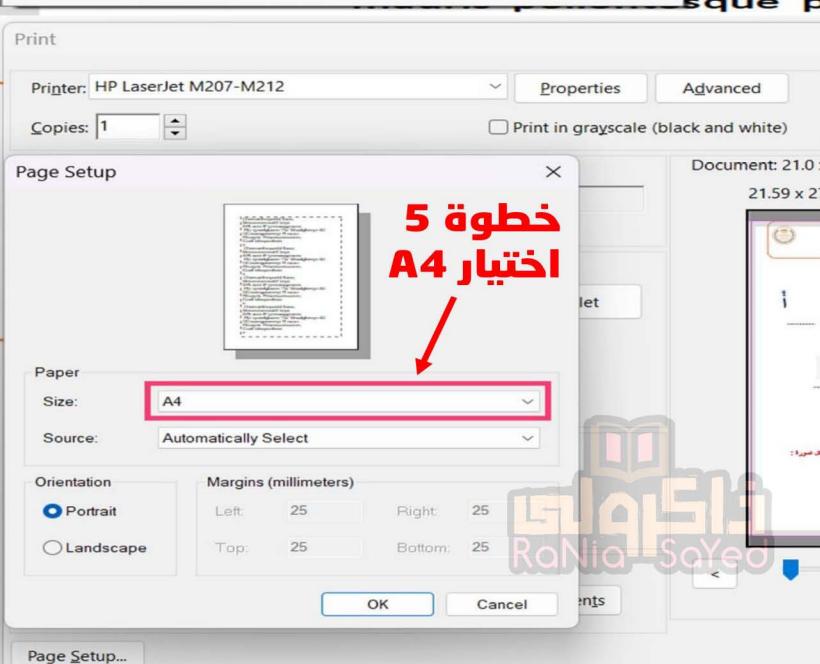
خطوة 1



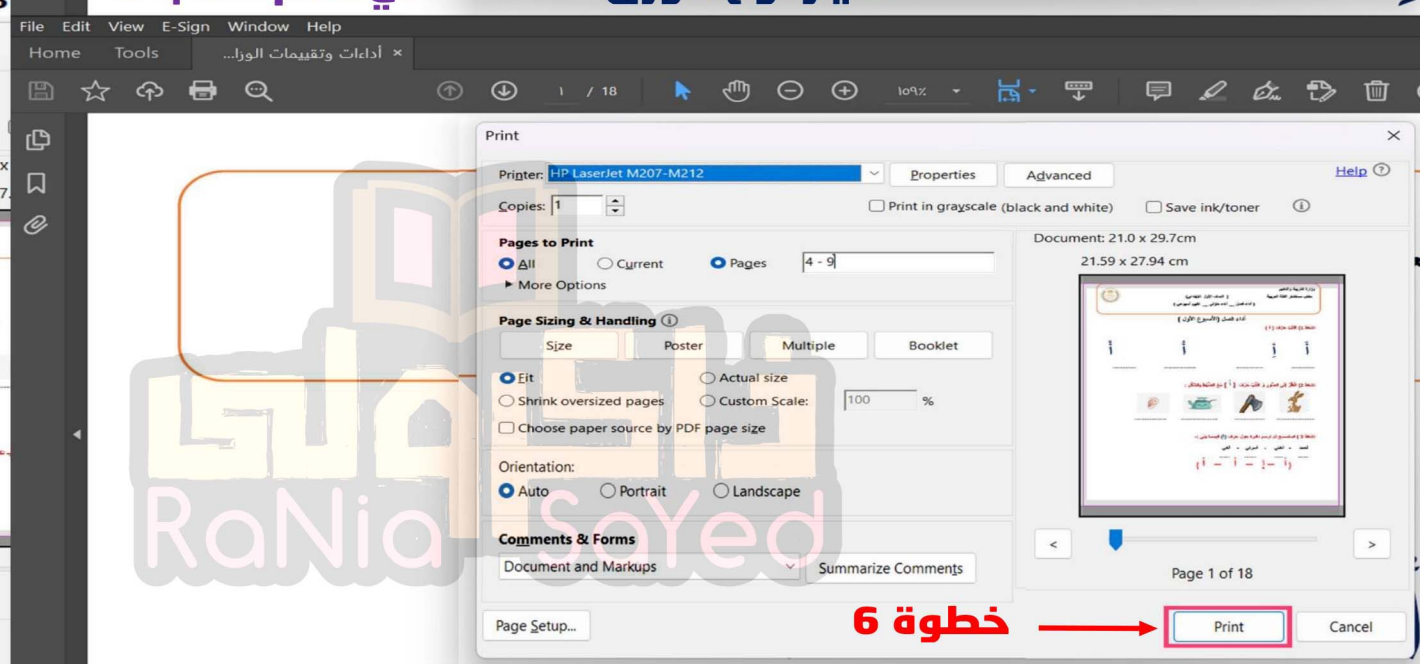
خطوة 2
اختيار اسم
الطابعة
بتاعتك

خطوة 3
كتابة الصفحات
المراد طباعتها
نكتب رقم 4 ثم
نكتب الشرطة
دي - ثم نكتب 9

خطوة 4
اختيار نوع الورق



خطوة 5
اختيار A4



خطوة 6

حمل الآن

مجاناً وحصرياً

المراجعة رقم (2)

اختبار شهر مارس



First Choose the correct answer:

2

1 $\frac{3}{4} - \frac{3}{5} = \dots\dots\dots$

a) 0

b) $\frac{1}{20}$

c) $\frac{6}{20}$

d) $\frac{3}{20}$

2 $2\frac{1}{5} \times \frac{3}{4} = (2 \times \frac{3}{4}) + (\dots\dots\dots \times \frac{3}{4})$

a) 2

b) $\frac{1}{5}$

c) $\frac{7}{5}$

d) 1

Second Answer each of the following:

8

1 Salma ate $\frac{1}{4}$ of 20 pieces of cake, how many pieces of cake are left?

.....

2 If $54 \div 8 = 6\frac{x}{4}$, find the value of x .

.....

3 Find the result of $3\frac{4}{5} \times \frac{1}{2}$ using distributive property.

.....

4 Complete:

(a) $3\frac{1}{5}$ hours = hours, and minutes

(b) 45 days = weeks, and days

First Choose the correct answer:

2

1 The unit fraction is a fraction with a numerator

a) 0

b) 1

c) 2

d) 3

2 $5 \times \frac{1}{3}$ $3 \times \frac{1}{3}$

a) >

b) <

c) =

d) ≤

Second Answer each of the following:

8

1 Khaled bought $1 \frac{3}{4}$ kg of apples and $1 \frac{2}{3}$ kg of oranges.

How much fruit did he buy?

.....

2 Complete:

(a) $\frac{1}{4} \div \dots = \frac{1}{8}$

(b) $\frac{1}{7} \times \dots = \frac{1}{21}$

(c) $\frac{1}{6} \div 3 = \dots$

3 Mariam studied Math for 40 minutes and English for 50 minutes, how many hours did she study in all?

.....

.....

4 Convert the improper fraction $\frac{45}{8}$ into a mixed number.

.....

First Choose the correct answer:

2

1 $\frac{3}{\dots} \times \frac{5}{8} = \frac{15}{56}$

a) 7

b) 4

c) 5

d) 9

2 How many thirds are there in 4?

a) $3 \div 4$

b) $4 \div \frac{1}{4}$

c) $4 - \frac{1}{3}$

d) 3×4

Second Answer each of the following:

8

1 Find the result

$$3\frac{1}{3} + 1\frac{3}{5}$$

.....

2 Complete

(a) $1\frac{3}{8}$ days = hours

(b) 40 months = years

3 Ali earns $26\frac{1}{2}$ L.E. for an hour. He works 4 hours per day.

How much money does he earn per day?

.....

4 If $4\frac{1}{7} - m = 2\frac{1}{6}$, then find the value of m.

.....

.....

First Choose the correct answer:

2

1 $\frac{3}{4} - \frac{3}{5} = \dots\dots\dots$

a) 0

b) $\frac{1}{20}$

c) $\frac{6}{20}$

d) $\frac{3}{20}$

2 $2\frac{1}{5} \times \frac{3}{4} = (2 \times \frac{3}{4}) + (\dots\dots\dots \times \frac{3}{4})$

a) 2

b) $\frac{1}{5}$

c) $\frac{7}{5}$

d) 1

Second Answer each of the following:

8

1 Salma ate $\frac{1}{4}$ of 20 pieces of cake, how many pieces of cake are left?

The left pieces of cake = $\frac{3}{4} \times 20 = 15$ pieces

2 If $54 \div 8 = 6\frac{x}{4}$, find the value of x .

If $\frac{54}{8} = 6\frac{6}{8} = 6\frac{3}{4}$ then, $x = 3$

3 Find the result of $3\frac{4}{5} \times \frac{1}{2}$ using distributive property.

$3\frac{4}{5} \times \frac{1}{2} = (3 \times \frac{1}{2}) + (\frac{4}{5} \times \frac{1}{2}) = \frac{3}{2} + \frac{4}{10} = \frac{15}{10} + \frac{4}{10} = \frac{19}{10} = 1\frac{9}{10}$

4 Complete:

(a) $3\frac{1}{5}$ hours = 3 hours, and 12 minutes

(b) 45 days = 6 weeks, and 3 days

First Choose the correct answer:

2

1 The unit fraction is a fraction with a numerator

a) 0

b) 1

c) 2

d) 3

2 $5 \times \frac{1}{3}$ $3 \times \frac{1}{3}$

a) >

b) <

c) =

d) ≤

Second Answer each of the following:

8

1 Khaled bought $1 \frac{3}{4}$ kg of apples and $1 \frac{2}{3}$ kg of oranges.

How much fruit did he buy?

The mass of fruit he bought = $1 \frac{3}{4} + 1 \frac{2}{3} = 1 \frac{9}{12} + 1 \frac{8}{12} = 2 \frac{17}{12} = 3 \frac{5}{12}$ kg

2 Complete:

(a) $\frac{1}{4} \div 2 = \frac{1}{8}$

(b) $\frac{1}{7} \times \frac{1}{3} = \frac{1}{21}$

(c) $\frac{1}{6} \div 3 = \frac{1}{18}$

3 Mariam studied Math for 40 minutes and English for 50 minutes, how many hours did she study in all?

The time which Mariam studied = $40 + 50 = 90$ minutes

= $1 \frac{1}{2}$ hours

4 Convert the improper fraction $\frac{45}{8}$ into a mixed number.

$\frac{45}{8} = 5 \frac{5}{8}$

First Choose the correct answer:

2

1 $\frac{3}{\dots} \times \frac{5}{8} = \frac{15}{56}$

a) 7

b) 4

c) 5

d) 9

2 How many thirds are there in 4?

a) $3 \div 4$

b) $4 \div \frac{1}{4}$

c) $4 - \frac{1}{3}$

d) 3×4

Second Answer each of the following:

8

1 Find the result

$$3\frac{1}{3} + 1\frac{3}{5}$$

$$3\frac{5}{15} + 1\frac{9}{15} = 4\frac{14}{15}$$

2 Complete

(a) $1\frac{3}{8}$ days = 33 hours

(b) 40 months = $3\frac{1}{3}$ years

3 Ali earns $26\frac{1}{2}$ L.E. for an hour. He works 4 hours per day.

How much money does he earn per day?

$$\text{Money earned per day} = 26\frac{1}{2} \times 4 = \frac{53}{2} \times 4 = 106 \text{ L.E.}$$

4 If $4\frac{1}{7} - m = 2\frac{1}{6}$, then find the value of m.

$$m = 4\frac{1}{7} - 2\frac{1}{6}$$

$$= 4\frac{6}{42} - 2\frac{7}{42}$$

$$= 3\frac{48}{42} - 2\frac{7}{42} = 1\frac{41}{42}$$

حمل الآن

مجاناً وحصرياً

المراجعة رقم (3)

اختبار شهر مارس



Q1: Choose the correct answer

1 $\frac{6}{9} - \dots = \frac{1}{3}$

(a) $\frac{1}{3}$

(b) $\frac{1}{9}$

(c) $\frac{5}{9}$

(d) $\frac{2}{3}$

2 The smallest like denominator for the fractions $\frac{3}{4}$ and $\frac{2}{3}$ is

(a) 4

(b) 3

(c) 12

(d) 24

3 $\frac{35}{56} = \dots$

(a) $\frac{8}{5}$

(b) $\frac{7}{5}$

(c) $\frac{7}{8}$

(d) $\frac{5}{8}$

4 $\frac{6}{7} + \frac{9}{14} = 1 + \dots$

(a) $\frac{21}{14}$

(b) $\frac{9}{7}$

(c) $\frac{1}{2}$

(d) 7

5 $\frac{16}{48} = \frac{\dots}{3}$

(a) 1

(b) 2

(c) 3

(d) 4

6 $\frac{1}{5} + \dots = \frac{1}{2}$

(a) $\frac{1}{3}$

(b) $\frac{2}{7}$

(c) $\frac{3}{10}$

(d) $\frac{1}{5}$

7 $\frac{1}{2} + \frac{6}{8} + 5 = \dots$

(a) $5\frac{7}{8}$

(b) $6\frac{1}{8}$

(c) $5\frac{1}{4}$

(d) $6\frac{1}{4}$

8 $\frac{7}{5}$ is called a/an

(a) proper fraction (b) mixed number (c) whole number (d) improper fraction

9 $1 - \frac{1}{3} - \frac{2}{3} = \dots$

(a) $\frac{1}{3}$

(b) $\frac{2}{3}$

(c) zero

(d) 1



10 $1 - \dots = \frac{3}{8}$

(a) $\frac{2}{8}$

(b) $\frac{3}{8}$

(c) $\frac{1}{2}$

(d) $\frac{5}{8}$

11 $\frac{2}{5} + \frac{2}{10} = \dots$

(a) $\frac{3}{5}$

(b) $\frac{7}{10}$

(c) $\frac{5}{10}$

(d) $\frac{1}{2}$

12 $\frac{5}{7} + k = 1\frac{2}{7}$, then $k = \dots$

(a) $\frac{3}{7}$

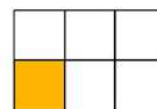
(b) $\frac{4}{7}$

(c) $1\frac{4}{7}$

(d) $\frac{2}{7}$

Q2: Answer The Following

- 1 The addition operation represented by the opposite models is: $\dots + \dots = \dots$



- 2 Murad bought 4 kg of oranges, he used $\frac{5}{7}$ kg of them to make juice . Calculate how many kilograms of orange are left?

- 3 The two like denominator fractions of $\frac{3}{8}$ and $\frac{2}{3}$ using LCM are

4 $1 + \frac{1}{5} + \frac{3}{4} = \dots$

- 5 The subtraction operation represented by the opposite model is



6 $\frac{1}{4}$ of 24 =

7 If $k - \frac{2}{3} = \frac{3}{7}$, then $k = \dots$



- 8 Marwa spends $\frac{2}{3}$ hour doing her Arabic homework, $\frac{3}{5}$ hour doing the math homework, and 3 hour doing the English homework.
Calculate the time she spends doing her homework.
-

- 9 Sahar needs two bottles of oil. If she has a bottle $\frac{3}{5}$ full
How much oil will she need to have a full two bottles?
-

10 $\frac{5}{8} = \frac{\dots}{\dots} = \frac{\dots}{\dots} = \frac{\dots}{\dots}$

- 11 Ahmed Nassr bought $\frac{4}{7}$ kilogram of flour and $\frac{1}{3}$ kilogram of sugar.
What is the total mass of what Ahmed Nassr bought?
-

12 If $\frac{4}{7} + \frac{1}{3} = \frac{k}{21} + \frac{7}{21}$, then the value of k =

- 13 Khaled bought 2 kg of sugar, $\frac{1}{4}$ kg of tea, and $\frac{1}{8}$ kg of tahini.
What is the total mass of the items Khaled bought?
-



Q1: Choose the correct answer

1 $5 - 2\frac{2}{5} = \dots\dots\dots$

(a) $2\frac{3}{5}$

(b) $3\frac{3}{5}$

(c) $2\frac{2}{5}$

(d) $3\frac{2}{5}$

2 If $4\frac{3}{5} + m = 6\frac{2}{5}$, then the value of $m = \dots\dots\dots$

(a) $1\frac{4}{5}$

(b) $2\frac{1}{5}$

(c) 11

(d) $1\frac{3}{5}$

3 The fraction $3\frac{3}{4}$ by regrouping is $\dots\dots\dots$

(a) $\frac{14}{4}$

(b) $2\frac{6}{4}$

(c) $1\frac{11}{4}$

(d) $2\frac{5}{4}$

4 $\frac{15}{6} = \dots\dots\dots$

(a) $3\frac{2}{6}$

(b) $2\frac{1}{4}$

(c) $2\frac{1}{2}$

(d) $1\frac{1}{2}$

5 $3\frac{1}{4} + m = 5\frac{1}{2}$, then the value of $m = \dots\dots\dots$

(a) $1\frac{1}{2}$

(b) $2\frac{1}{2}$

(c) $1\frac{1}{4}$

(d) $2\frac{1}{4}$

6 $3\frac{1}{2} - \dots\dots\dots = 1\frac{3}{8}$

(a) $2\frac{5}{8}$

(b) $1\frac{1}{8}$

(c) $1\frac{5}{8}$

(d) $2\frac{1}{8}$

7 The mixed numbers $2\frac{2}{6}$ and $3\frac{6}{8}$ by using a like denominator are $\dots\dots\dots$ and $\dots\dots\dots$

(a) $2\frac{8}{24}, 3\frac{21}{24}$

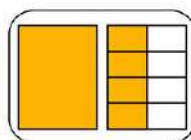
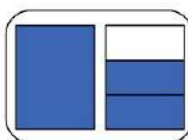
(b) $2\frac{5}{8}, 3\frac{6}{8}$

(c) $2\frac{2}{6}, 3\frac{2}{6}$

(d) $2\frac{4}{12}, 3\frac{9}{12}$

8 The addition problem that represents the following model is $\dots\dots\dots$

(a) $1\frac{1}{3} + 1\frac{2}{3}$



(b) $1\frac{1}{3} + 1\frac{1}{2}$

(c) $1\frac{2}{3} + 1\frac{1}{2}$

(d) $1\frac{2}{3} + 1\frac{4}{6}$



9) 2 hours and a half = minutes.

a) 150

b) 140

c) 135

d) 120

10) $4\frac{8}{9} + \frac{1}{3} = \dots + \frac{2}{9}$

a) $5\frac{2}{3}$

b) 5

c) 4

d) 3

11) 130 minutes = hours.

a) $2\frac{1}{6}$ b) $2\frac{1}{2}$ c) $2\frac{1}{4}$ d) $2\frac{1}{3}$

12) $3\frac{3}{4}$ hour = minutes.

a) 250

b) 225

c) 195

d) 230

13) $1\frac{1}{3}$ year = months.

a) 16

b) 15

c) 18

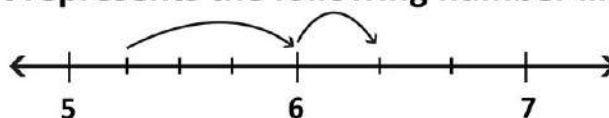
d) 14

Q2: Answer The Following

1) Khaled had $75\frac{1}{2}$ LE and gave his brother $50\frac{1}{4}$ LE.

How many LE are left with Khaled?

2) The subtraction problem that represents the following number line is



3) $5\frac{2}{5} = \dots$ minutes , seconds

4) $3\frac{12}{11} = 4\frac{\dots}{\dots}$



- 5 Ahmed spends $1\frac{1}{3}$ hours training for football, and $2\frac{1}{2}$ hours training for swimming.
What is the total time Ahmed spends in both trainings?
-

6 $g - 3\frac{2}{5} = 2\frac{3}{5}$, then $g = \dots\dots\dots$

- 7 Fatema spends $4\frac{3}{4}$ hours studying and $1\frac{1}{6}$ hours watching TV.
What is the difference between the time she spends studying and the time allocated for watching TV?
-

8 3 years + 3 months = years.

- 9 A tank of water contains $4\frac{4}{5}$ liter of water. Sara used $1\frac{1}{4}$ liters and Murad drank $\frac{3}{4}$ liter, How much of water is left in the tank?
-

- 10 Amal bought $2\frac{1}{3}$ kg of oranges. The price per kilogram is $10\frac{1}{3}$ pounds.
What is the total amount that Amal pays?
-

11 30 months = years.

12 48 minutes = hour

13 5 minutes + 40 seconds = minutes.

14 Use an area model to add: $1\frac{1}{2} + 3\frac{1}{3} = \dots\dots\dots$

		+				
--	--	---	--	--	--	--



Q1: Choose the correct answer

1 If $\frac{1}{5} \times k = \frac{1}{20}$, then the value of k =

(a) 4

(b) $\frac{1}{4}$

(c) 15

(d) $\frac{1}{15}$

2 $3\frac{2}{5} \times 5 = \dots\dots\dots$

(a) 5

(b) $\frac{17}{5}$

(c) 17

(d) $3\frac{10}{5}$

3 $2\frac{1}{7}$ is equivalent to

(a) $\frac{14}{7}$

(b) $\frac{15}{17}$

(c) 15

(d) $\frac{15}{7}$

4 $\frac{3}{4} \times 6 = \dots\dots\dots \times 3$

(a) $\frac{3}{4}$

(b) $\frac{2}{3}$

(c) $\frac{3}{2}$

(d) $\frac{6}{9}$

5 $\frac{5}{8} \times \frac{4}{15} = \frac{1}{2} \times \dots\dots\dots$

(a) $\frac{1}{15}$

(b) $\frac{2}{3}$

(c) $\frac{2}{10}$

(d) $\frac{1}{3}$

6 $\frac{8}{9} \times \dots\dots = \frac{4}{9}$

(a) 8

(b) 1

(c) 3

(d) 4

7 $\frac{3}{4} \times \dots\dots\dots = \frac{3}{8}$

(a) $\frac{1}{4}$

(b) $\frac{2}{2}$

(c) $1\frac{1}{2}$

(d) $\frac{1}{2}$

8 $\dots\dots\dots \div \frac{1}{4} = 16$

(a) 8

(b) 2

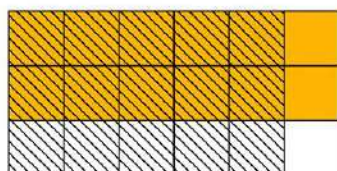
(c) 4

(d) $\frac{1}{4}$

9 Which multiplication statement represent the opposite model?

(a) $\frac{6}{5} \times \frac{3}{2}$

(c) $\frac{1}{6} \times \frac{1}{3}$



(b) $\frac{2}{3} \times \frac{5}{6}$

(d) $\frac{2}{3} \times \frac{1}{6}$



10 $3\frac{4}{7} \times \dots\dots\dots = \frac{25}{7} \times \frac{12}{5}$

(a) $1\frac{2}{5}$

(b) $2\frac{1}{5}$

(c) $2\frac{2}{5}$

(d) $5\frac{1}{2}$

11 $3\frac{2}{5} \times \frac{1}{4} = [3 \times \frac{1}{4}] + [\dots\dots\dots \times \frac{1}{4}]$

(a) $\frac{5}{2}$

(b) $\frac{17}{5}$

(c) $\frac{2}{5}$

(d) $\frac{1}{4}$

12 $7\frac{1}{4} \times \dots\dots\dots = 1$

(a) $\frac{4}{28}$

(b) $\frac{4}{29}$

(c) $\frac{29}{4}$

(d) $7\frac{1}{4}$

13 $5 \times \frac{4}{7}$ is equivalent to

(a) 20×7

(b) $2 \times \frac{10}{7}$

(c) $3 \times \frac{3}{7}$

(d) $6 \times \frac{3}{7}$

14 $\frac{15}{35} \times 7\frac{3}{5} = \frac{15}{35} \times [7 + \dots\dots\dots]$

(a) $\frac{3}{5}$

(b) $\frac{15}{35}$

(c) $\frac{35}{15}$

(d) $7\frac{3}{5}$

15 $3 \div \frac{1}{5} = \dots\dots\dots$

(a) 15

(b) $\frac{1}{15}$

(c) $\frac{1}{5}$

(d) $\frac{3}{5}$

16 $7 \div \frac{1}{6} = 7 \times \dots\dots\dots$

(a) 3

(b) 1

(c) 6

(d) $\frac{7}{6}$

17 If $8 \div k = 24$, then the value of $k = \dots\dots\dots$

(a) $\frac{1}{3}$

(b) $\frac{1}{8}$

(c) $\frac{1}{2}$

(d) 3

18 How many fourth's are there in 8?

(a) 3

(b) $\frac{1}{3}$

(c) 32

(d) $\frac{1}{2}$

19 There are 3 bags of rice, the mass of each bag is $\frac{2}{3}$ kg. What is the total mass of the rice?
The calculation that can be used to represent the situation is:

(a) Addition

(b) Subtraction

(c) Multiplication

(d) Division



Q2: Answer The Following

1) $3\frac{3}{5} \times 7 = 7 \times [3 + \dots\dots\dots]$

- 2) There are 4 bags of beans, and each bag weighs $\frac{3}{4}$ kg.
What is the total weight of the beans?
-

3) $2\frac{1}{4} \times 3\frac{1}{3} = \dots\dots\dots$

- 4) Yassin has 30 feddans of land, He planting $\frac{5}{6}$ of the land .
what the number of feddans planting?
-

5) $\frac{3}{7} \div K = 1$, then the value of K equals

- 6) There are 5 kg of chickpeas, and the worker packs them into containers,
each holding $\frac{1}{8}$ kg. How many containers are needed?
-

- 7) Hazem wants to give $\frac{1}{3}$ of a box of chocolate to each friend. He has 3 boxes of chocolate.
What is the number of friends he will give the chocolate to?
-

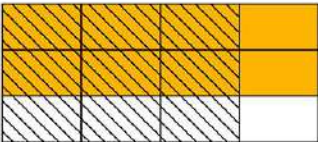
- 8) Find the quotient as an improper fraction and put it in simplest form using
the division algorithm. $5 \overline{)12}$
-



9 $\frac{1}{6} \div g = \frac{1}{12}$, then the value of g equals

10 Maram feeds her cat $\frac{1}{8}$ kg of cat food each day.
How many days will it take for the cat to eat 4 kg of food?

11 The price of each pen is $2\frac{1}{2}$ LE. Find the price of 5 pens.

12  $\times$ =

13 $7 \div 3 = \dots\dots\dots$

14 $2\frac{1}{4} \times \frac{5}{8} = [\dots\dots \times \frac{5}{8}] + [\frac{1}{4} \times \dots\dots]$

15 $5\frac{3}{4} \times \dots\dots = 1$



Q1: Choose the correct answer

1 $\frac{6}{9} - \dots = \frac{1}{3}$

☒ a $\frac{1}{3}$

☐ b $\frac{1}{9}$

☐ c $\frac{5}{9}$

☐ d $\frac{2}{3}$

2 The smallest like denominator for the fractions $\frac{3}{4}$ and $\frac{2}{3}$ is

☐ a 4

☐ b 3

☒ c 12

☐ d 24

3 $\frac{35}{56} = \dots$

☐ a $\frac{8}{5}$

☐ b $\frac{7}{5}$

☐ c $\frac{7}{8}$

☒ d $\frac{5}{8}$

4 $\frac{6}{7} + \frac{9}{14} = 1 + \dots$

☐ a $\frac{21}{14}$

☐ b $\frac{9}{7}$

☒ c $\frac{1}{2}$

☐ d 7

5 $\frac{16}{48} = \frac{\dots}{3}$

☒ a 1

☐ b 2

☐ c 3

☐ d 4

6 $\frac{1}{5} + \dots = \frac{1}{2}$

☐ a $\frac{1}{3}$

☐ b $\frac{2}{7}$

☒ c $\frac{3}{10}$

☐ d $\frac{1}{5}$

7 $\frac{1}{2} + \frac{6}{8} + 5 = \dots$

☐ a $5\frac{7}{8}$

☐ b $6\frac{1}{8}$

☐ c $5\frac{1}{4}$

☒ d $6\frac{1}{4}$

8 $\frac{7}{5}$ is called a/an☐ a proper fraction☐ b mixed number☐ c whole number☒ d improper fraction

9 $1 - \frac{1}{3} - \frac{2}{3} = \dots$

☐ a $\frac{1}{3}$

☐ b $\frac{2}{3}$

☒ c zero

☐ d 1



10 $1 - \dots\dots\dots = \frac{3}{8}$

a $\frac{2}{8}$

b $\frac{3}{8}$

c $\frac{1}{2}$

d $\frac{5}{8}$

11 $\frac{2}{5} + \frac{2}{10} = \dots\dots\dots$

a $\frac{3}{5}$

b $\frac{7}{10}$

c $\frac{5}{10}$

d $\frac{1}{2}$

12 $\frac{5}{7} + k = 1\frac{2}{7}$, then $k = \dots\dots\dots$

a $\frac{3}{7}$

b $\frac{4}{7}$

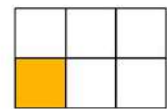
c $1\frac{4}{7}$

d $\frac{2}{7}$

Q2: Answer The Following

1 The addition operation represented by the opposite models is: $\dots\dots\dots + \dots\dots\dots = \dots\dots\dots$

$\frac{1}{2} + \frac{1}{6} = \frac{4}{6}$



2 Murad bought 4 kg of oranges, he used $\frac{5}{7}$ kg of them to make juice . Calculate how many kilograms of orange are left?

$3\frac{2}{7}$

3 The two like denominator fractions of $\frac{3}{8}$ and $\frac{2}{3}$ using LCM are $\dots\dots\dots$

24

4 $1 + \frac{1}{5} + \frac{3}{4} = \dots\dots\dots$

$1\frac{19}{20}$

5 The subtraction operation represented by the opposite model is $\dots\dots\dots$

$\frac{6}{8} - \frac{5}{8}$



6 $\frac{1}{4}$ of 24 = $\dots\dots\dots$

6

7 If $k - \frac{2}{3} = \frac{3}{7}$, then $k = \dots\dots\dots$

$1\frac{2}{21}$



- 8 Marwa spends $\frac{2}{3}$ hour doing her Arabic homework, $\frac{3}{5}$ hour doing the math homework, and 3 hour doing the English homework.
Calculate the time she spends doing her homework.

$$4\frac{4}{15}$$

- 9 Sahar needs two bottles of oil. If she has a bottle $\frac{3}{5}$ full
How much oil will she need to have a full two bottles?

$$1\frac{2}{5}$$

$$10 \quad \frac{5}{8} = \frac{10}{16} = \frac{15}{24} = \frac{20}{32}$$

- 11 Ahmed Nassr bought $\frac{4}{7}$ kilogram of flour and $\frac{1}{3}$ kilogram of sugar.
What is the total mass of what Ahmed Nassr bought?

$$\frac{19}{21}$$

- 12 If $\frac{4}{7} + \frac{1}{3} = \frac{k}{21} + \frac{7}{21}$, then the value of k =

- 13 Khaled bought 2 kg of sugar, $\frac{1}{4}$ kg of tea, and $\frac{1}{8}$ kg of tahini.
What is the total mass of the items Khaled bought?

$$2\frac{3}{8}$$



Q1: Choose the correct answer

1 $5 - 2\frac{2}{5} = \dots\dots\dots$

☒ a $2\frac{3}{5}$

☐ b $3\frac{3}{5}$

☐ c $2\frac{2}{5}$

☐ d $3\frac{2}{5}$

2 If $4\frac{3}{5} + m = 6\frac{2}{5}$, then the value of m =

☒ a $1\frac{4}{5}$

☐ b $2\frac{1}{5}$

☐ c 11

☐ d $1\frac{3}{5}$

3 The fraction $3\frac{3}{4}$ by regrouping is

☐ a $\frac{14}{4}$

☐ b $2\frac{6}{4}$

☒ c $1\frac{11}{4}$

☐ d $2\frac{5}{4}$

4 $\frac{15}{6} = \dots\dots\dots$

☐ a $3\frac{2}{6}$

☐ b $2\frac{1}{4}$

☒ c $2\frac{1}{2}$

☐ d $1\frac{1}{2}$

5 $3\frac{1}{4} + m = 5\frac{1}{2}$, then the value of m =

☐ a $1\frac{1}{2}$

☐ b $2\frac{1}{2}$

☐ c $1\frac{1}{4}$

☒ d $2\frac{1}{4}$

6 $3\frac{1}{2} - \dots\dots\dots = 1\frac{3}{8}$

☐ a $2\frac{5}{8}$

☐ b $1\frac{1}{8}$

☐ c $1\frac{5}{8}$

☒ d $2\frac{1}{8}$

7 The mixed numbers $2\frac{2}{6}$ and $3\frac{6}{8}$ by using a like denominator are and

☐ a $2\frac{8}{24}, 3\frac{21}{24}$

☐ b $2\frac{5}{8}, 3\frac{6}{8}$

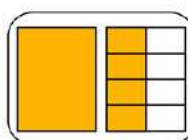
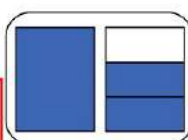
☐ c $2\frac{2}{6}, 3\frac{2}{6}$

☒ d $2\frac{4}{12}, 3\frac{9}{12}$

8 The addition problem that represents the following model is

☐ a $1\frac{1}{3} + 1\frac{2}{3}$

☒ c $1\frac{2}{3} + 1\frac{1}{2}$



☐ b $1\frac{1}{3} + 1\frac{1}{2}$

☐ d $1\frac{2}{3} + 1\frac{4}{6}$



9) 2 hours and a half = minutes.

a) 150

b) 140

c) 135

d) 120

10) $4\frac{8}{9} + \frac{1}{3} = \dots + \frac{2}{9}$

a) $5\frac{2}{3}$

b) 5

c) 4

d) 3

11) 130 minutes = hours.

a) $2\frac{1}{6}$ b) $2\frac{1}{2}$ c) $2\frac{1}{4}$ d) $2\frac{1}{3}$

12) $3\frac{3}{4}$ hour = minutes.

a) 250

b) 225

c) 195

d) 230

13) $1\frac{1}{3}$ year = months.

a) 16

b) 15

c) 18

d) 14

Q2: Answer The Following

1) Khaled had $75\frac{1}{2}$ LE and gave his brother $50\frac{1}{4}$ LE.

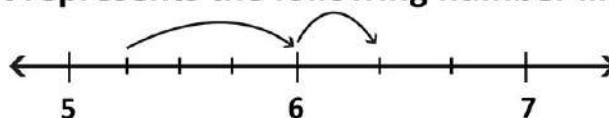
How many LE are left with Khaled?

$$25\frac{1}{4}$$

2) The subtraction problem that represents the following number line

is

$$6\frac{1}{3} - 5\frac{1}{4}$$



3) $5\frac{2}{5} = \dots$ minutes , $\dots$ seconds

4) $3\frac{12}{11} = 4\frac{1}{11}$



- 5 Ahmed spends $1\frac{1}{3}$ hours training for football, and $2\frac{1}{2}$ hours training for swimming.
What is the total time Ahmed spends in both trainings?

$$3\frac{5}{6}$$

- 6 $g - 3\frac{2}{5} = 2\frac{3}{5}$, then $g = \dots\dots\dots$

- 7 Fatema spends $4\frac{3}{4}$ hours studying and $1\frac{1}{6}$ hours watching TV.

What is the difference between the time she spends studying and the time allocated for watching TV?

$$3\frac{7}{12}$$

- 8 3 years + 3 months = $\dots\dots\dots$ years.

- 9 A tank of water contains $4\frac{4}{5}$ liter of water. Sara used $1\frac{1}{4}$ liters and Murad drank $\frac{3}{4}$ liter, How much of water is left in the tank?

$$2\frac{4}{5}$$

- 10 Amal bought $2\frac{1}{3}$ kg of oranges. The price per kilogram is $10\frac{1}{3}$ pounds.
What is the total amount that Amal pays?

$$24\frac{1}{9}$$

- 11 30 months = $\dots\dots\dots$ years.

- 12 48 minutes = $\dots\dots\dots$ hour

- 13 5 minutes + 40 seconds = $\dots\dots\dots$ minutes.

- 14 Use an area model to add: $1\frac{1}{2} + 3\frac{1}{3} = \dots\dots\dots$

--	--	--	--	--	--	--	--



Q1: Choose the correct answer

1 If $\frac{1}{5} \times k = \frac{1}{20}$, then the value of $k = \dots\dots\dots$

(a) 4

(b) $\frac{1}{4}$

(c) 15

(d) $\frac{1}{15}$

2 $3\frac{2}{5} \times 5 = \dots\dots\dots$

(a) 5

(b) $\frac{17}{5}$

(c) 17

(d) $3\frac{10}{5}$

3 $2\frac{1}{7}$ is equivalent to $\dots\dots\dots$

(a) $\frac{14}{7}$

(b) $\frac{15}{17}$

(c) 15

(d) $\frac{15}{7}$

4 $\frac{3}{4} \times 6 = \dots\dots\dots \times 3$

(a) $\frac{3}{4}$

(b) $\frac{2}{3}$

(c) $\frac{3}{2}$

(d) $\frac{6}{9}$

5 $\frac{5}{8} \times \frac{4}{15} = \frac{1}{2} \times \dots\dots\dots$

(a) $\frac{1}{15}$

(b) $\frac{2}{3}$

(c) $\frac{2}{10}$

(d) $\frac{1}{3}$

6 $\frac{8}{9} \times \dots\dots\dots = \frac{4}{9}$

(a) 8

(b) 1

(c) 3

(d) 4

7 $\frac{3}{4} \times \dots\dots\dots = \frac{3}{8}$

(a) $\frac{1}{4}$

(b) $\frac{2}{2}$

(c) $1\frac{1}{2}$

(d) $\frac{1}{2}$

8 $\dots\dots\dots \div \frac{1}{4} = 16$

(a) 8

(b) 2

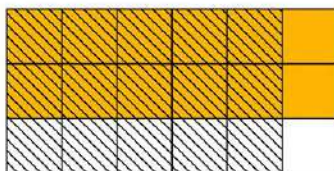
(c) 4

(d) $\frac{1}{4}$

9 Which multiplication statement represent the opposite model?

(a) $\frac{6}{5} \times \frac{3}{2}$

(c) $\frac{1}{6} \times \frac{1}{3}$



(b) $\frac{2}{3} \times \frac{5}{6}$

(d) $\frac{2}{3} \times \frac{1}{6}$



10 $3\frac{4}{7} \times \dots = \frac{25}{7} \times \frac{12}{5}$

(a) $1\frac{2}{5}$

(b) $2\frac{1}{5}$

(c) $2\frac{2}{5}$

(d) $5\frac{1}{2}$

11 $3\frac{2}{5} \times \frac{1}{4} = [3 \times \frac{1}{4}] + [\dots \times \frac{1}{4}]$

(a) $\frac{5}{2}$

(b) $\frac{17}{5}$

(c) $\frac{2}{5}$

(d) $\frac{1}{4}$

12 $7\frac{1}{4} \times \dots = 1$

(a) $\frac{4}{28}$

(b) $\frac{4}{29}$

(c) $\frac{29}{4}$

(d) $7\frac{1}{4}$

13 $5 \times \frac{4}{7}$ is equivalent to

(a) 20×7

(b) $2 \times \frac{10}{7}$

(c) $3 \times \frac{3}{7}$

(d) $6 \times \frac{3}{7}$

14 $\frac{15}{35} \times 7\frac{3}{5} = \frac{15}{35} \times [7 + \dots]$

(a) $\frac{3}{5}$

(b) $\frac{15}{35}$

(c) $\frac{35}{15}$

(d) $7\frac{3}{5}$

15 $3 \div \frac{1}{5} = \dots$

(a) 15

(b) $\frac{1}{15}$

(c) $\frac{1}{5}$

(d) $\frac{3}{5}$

16 $7 \div \frac{1}{6} = 7 \times \dots$

(a) 3

(b) 1

(c) 6

(d) $\frac{7}{6}$

17 If $8 \div k = 24$, then the value of k =

(a) $\frac{1}{3}$

(b) $\frac{1}{8}$

(c) $\frac{1}{2}$

(d) 3

18 How many fourth's are there in 8?

(a) 3

(b) $\frac{1}{3}$

(c) 32

(d) $\frac{1}{2}$

19 There are 3 bags of rice, the mass of each bag is $\frac{2}{3}$ kg. What is the total mass of the rice?
The calculation that can be used to represent the situation is:

(a) Addition

(c) Multiplication

(b) Subtraction

(d) Division



Q2: Answer The Following

1) $3\frac{3}{5} \times 7 = 7 \times [3 + \dots\frac{3}{5}\dots]$

- 2) There are 4 bags of beans, and each bag weighs $\frac{3}{4}$ kg.
What is the total weight of the beans?

3 kg

3) $2\frac{1}{4} \times 3\frac{1}{3} = \dots\dots\dots 7\frac{1}{2}$

- 4) Yassin has 30 feddans of land, He planting $\frac{5}{6}$ of the land .
what the number of feddans planting?

25 feddans

5) $\frac{3}{7} \div K = 1$, then the value of K equals $\dots\dots\dots \frac{3}{7}$

- 6) There are 5 kg of chickpeas, and the worker packs them into containers,
each holding $\frac{1}{8}$ kg. How many containers are needed?

40 containers

- 7) Hazem wants to give $\frac{1}{3}$ of a box of chocolate to each friend. He has 3 boxes of chocolate.
What is the number of friends he will give the chocolate to?

9 friends

- 8) Find the quotient as an improper fraction and put it in simplest form using
the division algorithm. $5 \overline{)12}$

$2\frac{2}{5}$



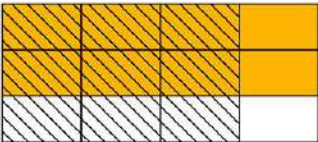
9 $\frac{1}{6} \div g = \frac{1}{12}$, then the value of g equals² ..

10 Maram feeds her cat $\frac{1}{8}$ kg of cat food each day.
How many days will it take for the cat to eat 4 kg of food?

32 days

11 The price of each pen is $2\frac{1}{2}$ LE. Find the price of 5 pens.

$12\frac{1}{2}$

12  $\dots\frac{2}{3}\dots \times \dots\frac{3}{4}\dots = \dots\frac{1}{2}\dots$

13 $7 \div 3 = \dots\dots\frac{1}{3}\dots$

14 $2\frac{1}{4} \times \frac{5}{8} = [\dots\dots \times \frac{5}{8}] + [\frac{1}{4} \times \dots\dots]$

15 $5\frac{3}{4} \times \dots\dots = 1$



حمل الآن

مجاناً وحصرياً

المراجعة رقم (4)

اختبار شهر مارس



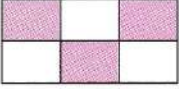
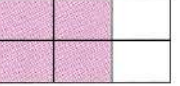
Units 7&8

Choose the correct answer

- 1 Equivalent fraction of $\frac{2}{8}$ is _____
 A. $\frac{4}{8}$ B. $\frac{2}{4}$ C. $\frac{1}{4}$ D. $\frac{4}{10}$
- 2 The equivalent fraction of $\frac{3}{6}$ is _____
 A. $\frac{3}{5}$ B. $\frac{2}{6}$ C. $\frac{15}{30}$ D. $\frac{2}{5}$
- 3 $\frac{17}{3}$ is equivalent to _____
 A. $3\frac{1}{6}$ B. $7\frac{1}{2}$ C. $3\frac{2}{5}$ D. $5\frac{2}{3}$
- 4 $\frac{2}{4}$ is equivalent to _____
 A. $\frac{5}{8} - \frac{1}{4}$ B. $\frac{7}{8} - \frac{1}{4}$ C. $\frac{5}{6} - \frac{1}{3}$ D. $1 - \frac{5}{8}$
- 5 $2\frac{25}{40}$ is equivalent to _____
 A. $2\frac{8}{5}$ B. $2\frac{10}{40}$ C. $2\frac{5}{8}$ D. $1\frac{12}{20}$
- 6 The fraction $\frac{5}{7}$ is equivalent to _____
 A. $\frac{13}{17}$ B. $\frac{15}{21}$ C. $\frac{31}{71}$ D. $\frac{6}{17}$
- 7 Which of the following is correct ?
 A. $\frac{3}{4} = \frac{4}{3}$ B. $\frac{5}{8} = \frac{15}{18}$ C. $\frac{1}{2} = \frac{6}{12}$ D. $\frac{3}{5} = \frac{5}{7}$
- 8 Which of the following is not equivalent to $\frac{6}{8}$?
 A. $\frac{3}{4}$ B. $\frac{60}{80}$ C. $\frac{12}{18}$ D. $\frac{30}{40}$
- 9 $4\frac{3}{5} \neq$ _____
 A. $8\frac{6}{10}$ B. $\frac{23}{5}$ C. $4\frac{6}{10}$ D. $3\frac{8}{5}$

Units 7&8

Choose the correct answer

- 10  is equivalent to _____
- A.  B.  C.  D. 
- 11 $\frac{5}{15}$ _____ $\frac{1}{3}$
- A. > B. < C. =
- 12 The simplest form of $\frac{24}{36}$ is _____
- A. $\frac{12}{18}$ B. $\frac{6}{9}$ C. $\frac{8}{12}$ D. $\frac{2}{3}$
- 13 The smallest common denominator of the fractions $\frac{2}{3}$ and $\frac{4}{9}$ is _____
- A. 3 B. 6 C. 9 D. 12
- 14 The smallest like denominator of $\frac{2}{3}$ and $\frac{3}{4}$ is _____
- A. 6 B. 8 C. 24 D. 12
- 15 The L.C.M. of denominators of $\frac{5}{6}$ and $\frac{3}{8}$ is _____
- A. 16 B. 12 C. 24 D. 18
- 16 The two fractions $\frac{1}{5}$ and $\frac{1}{4}$ are equivalent to the two common denominator fractions _____
- A. $\frac{4}{5}$ and $\frac{5}{4}$ B. $\frac{4}{9}$ and $\frac{5}{9}$ C. $\frac{4}{45}$ and $\frac{5}{45}$ D. $\frac{5}{20}$ and $\frac{4}{20}$
- 17 Two fractions $3\frac{2}{3}$ and $5\frac{1}{6}$ with like denominators are _____
- A. $3\frac{2}{3}$ and $5\frac{1}{6}$ B. $\frac{11}{3}$ and $\frac{31}{3}$ C. $3\frac{4}{6}$ and $5\frac{1}{6}$ D. $3\frac{2}{3}$ and $5\frac{2}{6}$
- 18 If $\frac{4}{7} + \frac{1}{3} = \frac{x}{21} + \frac{7}{21}$, then $x =$ _____
- A. 4 B. 3 C. 7 D. 12

Units 7&8

Choose the correct answer

- 19 If $3\frac{1}{7} = 2\frac{X}{7}$ by regrouping, then $X =$ _____
 A. 1 B. 2 C. 3 D. 8
- 20 The fraction $2\frac{1}{4}$ by regrouping is _____
 A. $2\frac{5}{4}$ B. $1\frac{5}{4}$ C. $1\frac{2}{4}$ D. $\frac{5}{4}$
- 21 $3\frac{4}{7}$ can be written as _____
 A. 3 B. 4 C. $2\frac{11}{7}$ D. $2\frac{4}{7}$
- 22 The mixed number $5\frac{3}{7}$ by regrouping is _____
 A. $5\frac{3}{7}$ B. $4\frac{10}{7}$ C. $3\frac{10}{7}$ D. $3\frac{8}{3}$
- 23 $\frac{3}{7} + \frac{4}{7} =$ _____
 A. $\frac{7}{14}$ B. 1 C. $\frac{34}{77}$ D. $1\frac{7}{7}$
- 24 $1\frac{1}{2} + 7\frac{1}{2} =$ _____
 A. $8\frac{1}{2}$ B. 9 C. 8 D. $8\frac{1}{4}$
- 25 $\frac{2}{6} + \frac{1}{6} + \frac{4}{6} + \frac{5}{6} =$ _____
 A. 4 B. 1 C. 2 D. 3
- 26 $\frac{3}{7} + \frac{2}{7} +$ _____ $= 1$
 A. $\frac{1}{7}$ B. $\frac{2}{7}$ C. $\frac{3}{7}$ D. $\frac{4}{7}$
- 27 $\frac{9}{12} - \frac{5}{12} =$ _____
 A. 4 B. $\frac{1}{3}$ C. $\frac{14}{12}$ D. $\frac{1}{4}$

Units 7&8

Choose the correct answer

- 28 $1 - \frac{\quad}{\quad} = \frac{5}{8}$
 A. $\frac{5}{8}$ B. $\frac{3}{8}$ C. $\frac{6}{8}$ D. $\frac{8}{7}$
- 29 $\frac{5}{8} + \frac{1}{2} = 1 + \frac{\quad}{\quad}$
 A. $\frac{1}{2}$ B. $\frac{1}{8}$ C. $\frac{1}{5}$ D. $\frac{3}{4}$
- 30 If $5\frac{1}{4} + 2\frac{3}{4} = x - \frac{1}{3}$, then $x =$ _____
 A. $8\frac{1}{3}$ B. 8 C. $7\frac{3}{4}$ D. $7\frac{2}{3}$
- 31 $4\frac{5}{6} - 2\frac{1}{12} =$ _____
 A. $2\frac{3}{4}$ B. $3\frac{4}{3}$ C. $5\frac{5}{4}$ D. $2\frac{2}{7}$
- 32 $\frac{3}{4} + \frac{4}{5} =$ _____
 A. $\frac{7}{9}$ B. $\frac{7}{20}$ C. $1\frac{11}{20}$ D. $\frac{12}{20}$
- 33 $\frac{5}{6} - \frac{3}{5} =$ _____
 A. $\frac{8}{30}$ B. $\frac{9}{20}$ C. $\frac{7}{30}$ D. $\frac{3}{4}$
- 34 $1 - \frac{1}{3} - \frac{1}{5} =$ _____
 A. $\frac{7}{20}$ B. $\frac{7}{15}$ C. $\frac{12}{17}$ D. $\frac{5}{8}$
- 35 $5\frac{1}{4} - \frac{\quad}{\quad} = 3\frac{1}{2}$
 A. $\frac{3}{4}$ B. $1\frac{3}{4}$ C. $4\frac{3}{4}$ D. $8\frac{3}{4}$

Units 7&8

Choose the correct answer

- 36 Ayman bought $\frac{3}{8}$ kilogram of apple and $\frac{1}{4}$ kilogram of banana, then the total weight of kilograms of apple and banana equivalent _____
 A. $\frac{3}{8} + \frac{2}{8}$ B. $\frac{3}{2} + \frac{2}{4}$ C. $\frac{3}{2} \times \frac{1}{4}$ D. $\frac{3}{8} - \frac{1}{4}$
- 37 $2\frac{1}{2}$ days = _____ hours.
 A. $\frac{5}{2}$ B. 48 C. 36 D. 60
- 38 $1\frac{1}{8}$ days = _____ hours
 A. 24 B. 8 C. 27 D. 18
- 39 $2\frac{1}{3}$ hours = _____ minutes
 A. 150 B. 120 C. 130 D. 140
- 40 $7\frac{3}{4}$ hours = _____ hours + _____ minute[s].
 A. 7, 30 B. $7, \frac{1}{2}$ C. 7, 15 D. 7, 45

Complete the following

- 1 $5\frac{4}{8} = 5\frac{\quad}{2}$ 2 $\frac{3}{4} - \frac{1}{4} = \frac{\quad}{2}$
- 3 Simplest form of $\frac{15}{27}$ is _____ 4 If $\frac{3}{4} = \frac{b}{16}$, then b = _____
- 5 L.C.M of the denominators of $\frac{2}{5}$ and $\frac{1}{3}$ is _____
- 6 The L.C.M for the denominators of two fraction $\frac{7}{15}$ and $\frac{3}{10}$ is _____

Units 7&8

Complete the following

7 $7\frac{2}{7} + 1\frac{3}{7} =$ _____

8 $2\frac{5}{6} + 3\frac{1}{6} =$ _____

9 $2\frac{1}{4} + 2\frac{1}{4} =$ _____

10 $2\frac{3}{5} + 1\frac{4}{5} =$ _____

11 $1\frac{7}{9} - 1\frac{4}{9} =$ _____

12 $2\frac{1}{4} - 1\frac{3}{4} =$ _____

13 $\frac{6}{7} + \frac{1}{42} =$ _____

14 $3\frac{3}{4} + 9\frac{5}{12} =$ _____

15 $3 - 2\frac{1}{2} =$ _____

16 $3\frac{1}{2} - 2\frac{3}{5} =$ _____

17 $\frac{7}{8} - \frac{2}{3} =$ _____

18 $5\frac{1}{2} - \frac{3}{4} =$ _____

19 $\frac{1}{6} + \frac{5}{8} =$ _____

20 $5\frac{1}{4} + 3\frac{2}{9} =$ _____

21 $\frac{7}{13} + \frac{2}{13} - \text{_____} = \frac{4}{13}$

22 $3\frac{7}{8} + \frac{1}{4} = 4 + \text{_____}$

23 $1 + \frac{7}{10} + \frac{1}{5} =$ _____

24 $1\frac{5}{8} + 2\frac{7}{12} + \frac{1}{4} =$ _____

25 $5 - \frac{1}{2} - \frac{1}{3} =$ _____

26 $2\frac{4}{5} + 1\frac{3}{10} - 1\frac{1}{2} =$ _____

27 If $5\frac{2}{7} + k = 6\frac{5}{7}$, then $k =$ _____

28 If $2\frac{2}{3} - h = 1$, then $h =$ _____

29 $X + 5\frac{1}{2} = 7\frac{3}{4}$, then $X =$ _____

30 $g - 1\frac{3}{4} = 7\frac{3}{44}$, then $g =$ _____

Units 7&8

Complete the following

31 If $\frac{23}{5}$ is equivalent to $m \frac{3}{5}$, then $m =$ _____

32 If $3\frac{1}{5} - 2\frac{3}{5} = a\frac{6}{5} - 2\frac{3}{5}$, then $a =$ _____

33 If $5\frac{1}{4} + 2\frac{3}{4} = X - \frac{1}{3}$, then $X =$ _____

34 If $5\frac{3}{7} - 1\frac{4}{7} = 5\frac{6}{7} - a$, then $a =$ _____

35 $7\frac{2}{5} + 1\frac{1}{4} = 8 + 1 + \frac{1}{4} -$ _____

36 $1\frac{5}{6} + 3\frac{1}{3} = 2 + 3\frac{1}{3} -$ _____

37 $\frac{1}{5}$ minute = _____ seconds.

38 $\frac{1}{2}$ year = _____ months

39 $2\frac{1}{4}$ years = _____ months.

40 $2\frac{1}{3}$ hours = _____ minutes.

41 150 seconds = _____ minutes

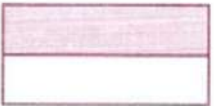
42 200 minutes = _____ hours.

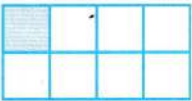
43 18 hours = _____ day.

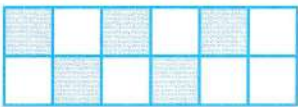
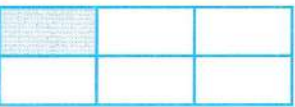
44 60 hours = _____ days.

Units 7&8

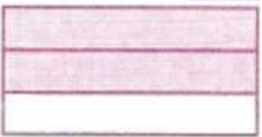
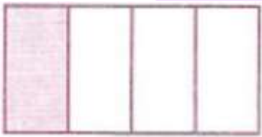
Complete the following

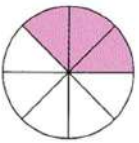
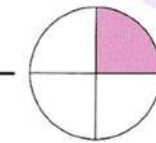
45  +  = _____

46  +  = _____

47  +  = _____

48    +   = _____

49  -  = _____

50  -  = _____

Answer the following

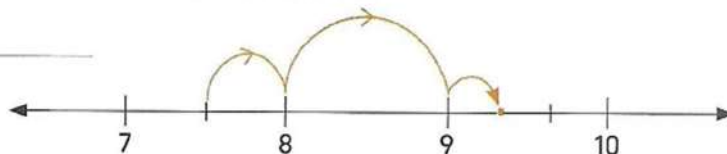
1 Use an area model to add.

$$2\frac{3}{5} + 1\frac{1}{2} = \underline{\hspace{2cm}}$$



2 Use a number line to find the difference.

$$9\frac{1}{3} - 7\frac{1}{2} = \underline{\hspace{2cm}}$$



Units 7&8

Answer the following

- 3 Karim walked $\frac{1}{5}$ km and Sameh walked $\frac{1}{3}$ km more. What distance that Sameh walked ?
- 4 Omar ate $\frac{1}{4}$ of the pie , and Reham ate $\frac{1}{5}$ of the same pie. What is the total of what Omar and Reham ate ?
- 5 Marwan ate $1\frac{1}{2}$ pieces of chocolate. His friend Wael ate $\frac{3}{4}$ pieces of chocolate more than him. **How many pieces did they eat together ?**
- 6 Mazen bought $1\frac{1}{4}$ kg of tomato and $\frac{1}{2}$ kg of onion. His sister bought $2\frac{3}{4}$ kg of fruits. **How many kilograms did they buy ?**
- 7 Omnia purchases $\frac{7}{8}$ kilogram of fava beans. She uses $\frac{3}{4}$ kg of the fava beans to make falafel
How many kilograms of fava beans are left ?
- 8 Marvina has a full bottle of juice. If she drinks $\frac{4}{7}$ of the juice and her sister drinks $\frac{2}{5}$ of the juice. **How much juice is left in the bottle ?**
- 9 Sameh ate $1\frac{3}{4}$ kg of fruits, Bassem ate $\frac{1}{5}$ kg more than Sameh and Wael ate $\frac{1}{2}$ kg less than Sameh.
How many kg of fruits did the three friends eat together ?
- 10 Marwan studied Math for $2\frac{1}{2}$ hours and Science for 90 minutes.
How many hours did Marwan study in all ?
- 11 In first day ,Youssef run for $1\frac{1}{2}$ hours. In second day , he run for $1\frac{3}{8}$ hours.
In third day , he run for 80 minutes. **How long did Youssef run in the three days ?**

The Answers

Choose the correct answer:

- | | | | | |
|-------|-------|-------|-------|-------|
| 1. C | 2. C | 3. D | 4. C | 5. C |
| 6. B | 7. C | 8. C | 9. A | 10. A |
| 11. C | 12. D | 13. C | 14. D | 15. C |
| 16. D | 17. C | 18. D | 19. D | 20. B |
| 21. C | 22. B | 23. B | 24. B | 25. C |
| 26. B | 27. B | 28. B | 29. B | 30. A |
| 31. A | 32. C | 33. C | 34. B | 35. B |
| 36. A | 37. D | 38. C | 39. D | 40. D |

Complete the following:

- | | | | |
|---------------------|---------------------|---------------------|----------------------|
| 1) 1 | 2) 1 | 3) $\frac{5}{9}$ | 4) 12 |
| 5) 15 | 6) 30 | 7) $8\frac{5}{7}$ | 8) 6 |
| 9) $4\frac{1}{2}$ | 10) $4\frac{2}{5}$ | 11) $\frac{1}{3}$ | 12) $\frac{1}{2}$ |
| 13) $\frac{37}{42}$ | 14) $13\frac{1}{6}$ | 15) $\frac{1}{2}$ | 16) $\frac{9}{10}$ |
| 17) $\frac{5}{24}$ | 18) $4\frac{3}{4}$ | 19) $\frac{19}{24}$ | 20) $8\frac{17}{36}$ |
| 21) $\frac{5}{13}$ | 22) $\frac{1}{8}$ | 23) $1\frac{9}{10}$ | 24) $4\frac{11}{24}$ |

The Answers

Complete the following:

25) $4 \frac{1}{6}$

26) $2 \frac{3}{5}$

27) $1 \frac{3}{7}$

28) $1 \frac{2}{3}$

29) $2 \frac{1}{4}$

30) $8 \frac{9}{11}$

31) 4

32) 2

33) $8 \frac{1}{3}$

34) 2

35) $\frac{3}{5}$

36) $\frac{1}{6}$

37) 12

38) 6

39) 27

40) 14

41) $2 \frac{1}{2}$

42) $3 \frac{1}{3}$

43) $\frac{3}{4}$

44) $2 \frac{1}{2}$

45) $\frac{5}{6}$

46) $\frac{7}{8}$

47) $\frac{7}{12}$

48) $3 \frac{5}{6}$

49) $\frac{5}{12}$

50) $\frac{1}{8}$

Answer the following:

1) $4 \frac{1}{10}$

2) $1 \frac{5}{6}$

3) $\frac{1}{5} + \frac{1}{3} = \frac{8}{15}$ km

4) $\frac{1}{4} + \frac{1}{5} = \frac{9}{20}$ of pie

5) Wael = $1 \frac{1}{2} + \frac{3}{4} = 2 \frac{1}{4}$

they eat = $1 \frac{1}{2} + 2 \frac{1}{4} = 3 \frac{3}{4}$

pieces

The Answers

Answer the following:

$$6) 1\frac{1}{4} + \frac{1}{2} + 2\frac{3}{4} = 4\frac{1}{2} \text{ Kg}$$

$$7) \text{ the left} = \frac{7}{8} - \frac{3}{4} = \frac{1}{8} \text{ Kg}$$

$$8) \text{ the left} = 1 - \frac{4}{7} - \frac{2}{5} = \frac{1}{35}$$

$$9) \text{ Sameh} = 1\frac{3}{4} \quad \text{Bassem} = 1\frac{3}{4} + \frac{1}{5} = 1\frac{19}{20}$$

$$\text{Wael} = 1\frac{3}{4} - \frac{1}{2} = 1\frac{1}{4}$$

$$\text{they eat together} = 1\frac{3}{4} + 1\frac{19}{20} + 1\frac{1}{4} = 4\frac{19}{20} \text{ kg}$$

$$10) 2\frac{1}{2} + 1\frac{1}{2} = 4 \text{ hours}$$

$$11) 1\frac{1}{2} + 1\frac{3}{8} + 1\frac{1}{3} = 4\frac{5}{24} \text{ hours}$$

شرح خطوات الحل على قناة



Math For Kids: Hoda Ismail

Unit 9

Choose the correct answer

- ١ $\frac{3}{7} \times 8 =$ _____
 A. $\frac{8}{3} \times 7$ B. $\frac{6}{7} \times 4$ C. $\frac{5}{7} \times 6$ D. $\frac{24}{8} \times 7$
- ٢ $2\frac{1}{3} \times \frac{3}{7} =$ _____
 A. $\frac{4}{4}$ B. $\frac{3}{7}$ C. $2\frac{1}{7}$ D. $\frac{7}{3}$
- ٣ $1\frac{1}{3} \times 1\frac{1}{4} =$ _____
 A. $1\frac{2}{3}$ B. $2\frac{1}{7}$ C. $2\frac{1}{12}$ D. $1\frac{1}{12}$
- ٤ $2\frac{2}{3} \times \frac{3}{5} =$ _____
 A. $\frac{5}{8}$ B. $1\frac{3}{5}$ C. $1\frac{8}{15}$ D. $2\frac{6}{15}$
- ٥ $6 \times 2\frac{5}{8} =$ _____
 A. $15\frac{3}{4}$ B. $12\frac{5}{8}$ C. $14\frac{3}{8}$ D. $15\frac{3}{8}$
- ٦ $\frac{2}{3} \times \frac{3}{8} \times \frac{8}{9} =$ _____
 A. $\frac{1}{3}$ B. $\frac{2}{9}$ C. $\frac{13}{20}$ D. $\frac{2}{17}$
- ٧ $\frac{5}{3} \times 21 \times \frac{2}{7} =$ _____
 A. $\frac{24}{35}$ B. $\frac{21}{21}$ C. 1 D. 10
- ٨ $2\frac{3}{4} \times \text{_____} = 1$
 A. $\frac{4}{11}$ B. $\frac{11}{4}$ C. 4 D. $\frac{4}{3}$

Unit 9

Choose the correct answer

- 9 $\frac{4}{11} \times 0.5 =$ _____
 A. $\frac{2}{11}$ B. $\frac{20}{11}$ C. $\frac{4}{5}$ D. $\frac{55}{4}$
- 10 $0.25 \times \frac{6}{7} =$ _____
 A. $\frac{1}{14}$ B. $\frac{1}{7}$ C. $\frac{3}{14}$ D. $\frac{2}{7}$
- 11 $\frac{1}{5} \div 4 =$ _____
 A. $\frac{4}{5}$ B. $\frac{5}{4}$ C. 20 D. $\frac{1}{20}$
- 12 $15 \div \frac{1}{2} =$ _____
 A. $\frac{15}{2}$ B. $7\frac{1}{2}$ C. 30 D. $\frac{2}{15}$
- 13 $13 \div 7$ equals each of the following except _____
 A. $1 + \frac{6}{7}$ B. $1\frac{6}{7}$ C. $\frac{26}{14}$ D. $1 \times \frac{6}{7}$
- 14 All the following expressions are equal except _____
 A. $37 \div 5$ B. $7\frac{2}{5}$ C. $5\frac{2}{7}$ D. $6\frac{7}{5}$
- 15 $6\frac{1}{2} =$ _____ $\div 2$
 A. 6 B. 11 C. 9 D. 13
- 16 $15 \div 4 =$ _____ $+ 3$
 A. 12 B. 3 C. $\frac{4}{3}$ D. $\frac{3}{4}$

Unit 9

Choose the correct answer

- 17 $16 \div 7 = 2 \frac{2}{\quad}$
 A. 7 B. 14 C. 16 D. 4
- 18 $\frac{1}{4}$ year = _____ months.
 A. 3 B. 4 C. 6 D. 12
- 19 140 minutes = _____ hours
 A. $1\frac{1}{2}$ B. 2 C. $2\frac{1}{3}$ D. $2\frac{1}{2}$
- 20 The number of fifths in 4 is _____
 A. 9 B. 1 C. 20 D. $\frac{5}{4}$
- 21 If $\frac{4}{7} \times 14 = a \times 4$, then $a =$ _____
 A. 3 B. 7 C. 14 D. 2
- 22 If $5 \div \frac{1}{4} = a \times 4$, then $a =$ _____
 A. 4 B. $\frac{1}{4}$ C. 5 D. $\frac{1}{5}$
- 23 If $13 \div 4 = a$, then $a =$ _____
 A. $4\frac{1}{4}$ B. $3\frac{1}{4}$ C. $4\frac{1}{3}$ D. $4 \div 13$
- 24 If $5 \div \frac{1}{3} = x$, then $x =$ _____
 A. 15 B. $\frac{5}{3}$ C. $\frac{3}{5}$ D. 8

Unit 9

Choose the correct answer

- 25 If $\frac{1}{2} \div 3 = X$, then $X =$ _____
 A. $1\frac{1}{2}$ B. $\frac{1}{6}$ C. 6 D. $\frac{2}{3}$
- 26 If $5\frac{1}{3} = X \div 3$, then $X =$ _____
 A. 5 B. 51 C. 16 D. 15
- 27 If $17 \div 8 = a \frac{1}{8}$, then $a =$ _____
 A. 2 B. 8 C. 17 D. 1
- 28 If $12 \div 7 = 1\frac{a}{7}$, then $a =$ _____
 A. 2 B. 7 C. 5 D. 12
- 29 If $6 \div h = 30$, then $h =$ _____
 A. $\frac{1}{5}$ B. 180 C. 5 D. 90
- 30 If $\frac{1}{3} \div a = \frac{1}{6}$, then $a =$ _____
 A. 3 B. $\frac{1}{2}$ C. 2 D. $\frac{1}{3}$
- 31 $\frac{1}{7} \times m = \frac{1}{21}$, then $m =$ _____
 A. $\frac{1}{7}$ B. $\frac{1}{21}$ C. $\frac{1}{3}$ D. $\frac{1}{147}$
- 32 If $\frac{1}{3} \times a = 1\frac{1}{3}$, then $a =$ _____
 A. 1 B. 2 C. 3 D. 4

Unit 9

Choose the correct answer

- 33 If $a \times \frac{3}{17} = \frac{2}{17}$, then $a =$ _____
 A. $\frac{2}{3}$ B. $\frac{3}{2}$ C. $\frac{1}{17}$ D. $\frac{5}{17}$
- 34 If $\frac{7}{8} \times 12 = \frac{14}{8} \times x$, then $x =$ _____
 A. 7 B. 12 C. 8 D. 6
- 35 If $\frac{3}{7} + \frac{6}{7} + \frac{6}{7} + \frac{6}{7} = b \times \frac{6}{7}$, then $b =$ _____
 A. $\frac{6}{7}$ B. $\frac{3}{7}$ C. $3\frac{1}{2}$ D. $2\frac{1}{2}$
- 36 If $\frac{4}{5} \times b = \frac{4}{5} + \frac{2}{5} + \frac{4}{5}$, then $b =$ _____
 A. $\frac{4}{5}$ B. $\frac{1}{2}$ C. $1\frac{1}{2}$ D. $2\frac{1}{2}$
- 37 If $\frac{8}{9} \times b = \frac{8}{9} + \frac{4}{9}$, then $b =$ _____
 A. $\frac{8}{9}$ B. $\frac{4}{9}$ C. $\frac{1}{2}$ D. $1\frac{1}{2}$
- 38 $1\frac{1}{2} \times 1\frac{1}{2}$ $2\frac{1}{4}$
 A. > B. < C. =
- 39 $3 \times \frac{1}{3}$ $3 \div \frac{1}{3}$
 A. > B. < C. =
- 40 $\frac{1}{3} \div 3$ $\frac{1}{3} - \frac{2}{9}$
 A. < B. = C. >

Unit 9

Choose the correct answer

41 $\frac{1}{6} \div 3$ $\frac{1}{6} - \frac{1}{9}$

A. >

B. <

C. =

42 $5 \times 2\frac{1}{2} = (5 \times 2) + (5 \times \text{---})$

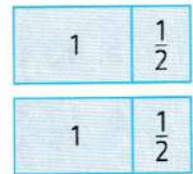
A. 2

B. $\frac{1}{2}$

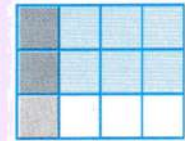
C. 5

D. 1

43 The opposite shaded area model represents _____

A. 2×1 B. $1\frac{1}{2} \times 2$ C. $\frac{1}{2} \times 2$ D. $2\frac{1}{2} \times 2$ 

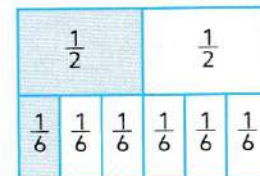
44 The opposite area model represents _____

A. $\frac{2}{3} \times \frac{1}{4}$ B. $\frac{1}{2} \times \frac{3}{4}$ C. $\frac{9}{12}$ D. $\frac{3}{12}$ 

45 The opposite model represents _____

A. $\frac{2}{5} \times \frac{7}{6}$ B. $\frac{2}{7} \times \frac{5}{6}$ C. $\frac{2}{5} \times \frac{3}{7}$ D. $\frac{3}{5} \times \frac{6}{7}$ 

46 The opposite area model represents _____

A. $\frac{1}{2} \div \frac{1}{6}$ B. $\frac{1}{2} \div 3$ C. $\frac{1}{6} \div \frac{1}{2}$ D. $\frac{1}{2} \times \frac{1}{6}$ 

Unit 9

Complete the following

- 1 $\frac{3}{—} \times \frac{5}{8} = \frac{15}{56}$
- 2 The product of $\frac{4}{5}$ and $\frac{3}{3}$ is _____
- 3 $\frac{10}{3} \times \frac{3}{10} = \text{_____}$
- 4 $4 \times \frac{1}{4} = \text{_____}$
- 5 $\frac{1}{2} \times \frac{3}{5} = \text{_____}$
- 6 $1\frac{3}{7} \times \text{_____} = 1$
- 7 $\frac{2}{5} \times 2\frac{1}{2} = \text{_____}$
- 8 $\frac{3}{5} \times 1.5 = \text{_____}$
- 9 $2\frac{1}{2} \times 4\frac{2}{5} = \text{_____}$
- 10 $2\frac{3}{4} \times 1\frac{1}{3} = \text{_____}$
- 11 $1\frac{1}{2} \times 2\frac{1}{4} = \text{_____}$
- 12 $3\frac{3}{4} \times 1\frac{1}{3} = \text{_____}$
- 13 $\frac{1}{2} \times \frac{2}{3} \times \frac{3}{4} \times \frac{4}{5} \times \frac{5}{6} \times \frac{6}{7} = \text{_____}$
- 14 $0.25 \times \frac{8}{9} = \text{_____}$
- 15 $\frac{4}{7} \times 6 = \frac{8}{7} \times \text{_____}$
- 16 $\frac{12}{13} \times 8 = \frac{24}{13} \times \text{_____}$
- 17 $\frac{1}{7} \div 4 = \text{_____}$
- 18 $3 \div \frac{1}{8} = \text{_____}$
- 19 $5\frac{2}{3} = \text{_____} \div 3$
- 20 $\frac{3}{4} - \frac{5}{8} = \text{_____} \div 4$
- 21 $13 \div 5 = \text{_____} + 2$
- 22 $25 \div 6 = 2\frac{1}{2} \times 1\frac{\text{—}}{3}$
- 23 If $\frac{10}{11} \times 1\frac{1}{2} = \frac{10}{11} + \frac{b}{11}$, then b = _____

Unit 9

Complete the following

24 $\frac{3}{8} \times \underline{\hspace{2cm}} = \frac{3}{7}$

25 If $\frac{1}{2} \times b = \frac{5}{6}$, then $b = \underline{\hspace{2cm}}$

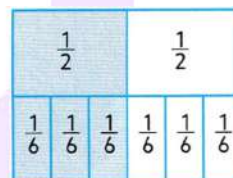
26 If $\frac{4}{5} \times b = \frac{4}{5} + \frac{2}{5}$, then $b = \underline{\hspace{2cm}}$

27 If $12 \div 8 = 1\frac{1}{x}$, then $x = \underline{\hspace{2cm}}$

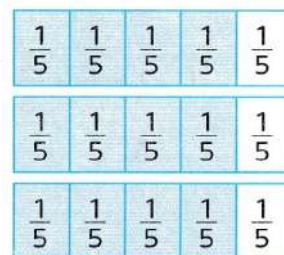
28 If $9 \div K = 126$, then $K = \underline{\hspace{2cm}}$

29 If $\frac{1}{3} \div m = \frac{1}{12}$, then $m = \underline{\hspace{2cm}}$

30 The opposite figure represents $\underline{\hspace{2cm}} \div \underline{\hspace{2cm}}$



31 The opposite area model represents $\underline{\hspace{2cm}} \times \underline{\hspace{2cm}}$



Unit 9

Answer the following

- 1 Use the area models to evaluate $\frac{1}{3} \times \frac{1}{4}$
- 2 Write two different multiplication expressions that have the same product as $\frac{12}{13} \times 16$
- 3 How many sevenths are in the number 5 ?
- 4 How many $\frac{1}{4}$ cup are there in 7 cups of chocolate ?
- 5 The price of 9 notebooks is 55 L.E. Find the price of each notebook.
- 6 The price of each pen is $2\frac{1}{2}$ L.E. Find the price of 6 pens.
- 7 There are 8 bags of fava beans , each bag has a mass of $\frac{3}{4}$ of a kilogram. What is the total mass of the fava beans ?
- 8 Adel has 5 pieces of candy , he wants to divided them among the number of his friends. If each of them has a share $\frac{1}{2}$ piece , how many friends do he have ?
- 9 Yasser has 30 feddans of agriculture land , he planting $\frac{5}{6}$ of the land . What is the number of feddans planting ?
- 10 Petra lives $\frac{3}{4}$ km. from school. Paula lives $1\frac{1}{3}$ times as far away from school as Petra. How far from school does Paula live ?
- 11 Youssef's dad said he will give him $7\frac{1}{2}$ L.E if he works one hour. How much will he give him for 3 hours and 15 minutes ?

The Answers

Choose the correct answer:

- | | | | |
|-------|-------|-------|-------|
| 1. B | 2. A | 3. A | 4. B |
| 5. A | 6. B | 7. D | 8. A |
| 9. A | 10. C | 11. D | 12. C |
| 13. D | 14. C | 15. D | 16. D |
| 17. A | 18. A | 19. C | 20. C |
| 21. D | 22. C | 23. B | 24. A |
| 25. B | 26. C | 27. A | 28. C |
| 29. A | 30. C | 31. C | 32. D |
| 33. A | 34. D | 35. C | 36. D |
| 37. D | 38. C | 39. B | 40. B |
| 41. C | 42. B | 43. B | 44. A |
| 45. D | 46. B | | |

Complete the following:

- | | | | |
|--------------------|--------------------|--------------------|-------------------|
| 1) 7 | 2) $\frac{4}{5}$ | 3) 1 | 4) 1 |
| 5) $\frac{3}{10}$ | 6) $\frac{7}{10}$ | 7) 1 | 8) $\frac{9}{10}$ |
| 9) 11 | 10) $3\frac{2}{3}$ | 11) $3\frac{3}{8}$ | 12) 5 |
| 13) $\frac{1}{7}$ | 14) $\frac{2}{9}$ | 15) 3 | 16) 4 |
| 17) $\frac{1}{28}$ | 18) 24 | 19) 17 | 20) $\frac{1}{2}$ |

The Answers

21) $\frac{3}{5}$

22) 2

23) 5

24) $\frac{8}{7}$

25) $1\frac{2}{3}$

26) $1\frac{1}{2}$

27) 2

28) $\frac{1}{14}$

29) 4

30) $\frac{1}{2} \div 3$

31) $3 \times \frac{4}{5}$

Answer the following:

1) $\frac{1}{12}$



2) $\frac{24}{13} \times 8$ and $\frac{6}{13} \times 32$

3) $5 \div \frac{1}{7} = 35$

4) $7 \div \frac{1}{4} = 28$

5) $55 \div 9 = 6\frac{1}{9}$ L.E.

6) $2\frac{1}{2} \times 6 = 15$ L.E.

7) $8 \times \frac{3}{4} = 6$ kg

8) $5 \div \frac{1}{2} = 10$ friends

9) $30 \times \frac{5}{6} = 25$ feddans

10) $\frac{3}{4} \times 1\frac{1}{3} = 1$ km

11) $7\frac{1}{2} \times 3\frac{1}{4} = \frac{195}{8} = 24\frac{3}{8}$ L.E.

شرح خطوات الحل على قناة



Math For Kids: Hoda Ismail

حمل الآن

مجاناً وحصرياً

المراجعة رقم (5)

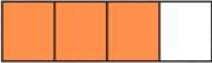
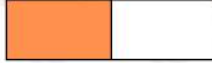
اختبار شهر مارس





Question 1

Choose the correct answer

- 1 If $2 \frac{5}{8} = 2 \frac{x}{40}$, then $x =$ -----
 (a) 25 (b) 37 (c) 40 (d) 5×8
- 2 The smallest like denominator of $\frac{1}{6}$ and $\frac{2}{3}$ is -----
 (a) 5 (b) 4 (c) 30 (d) 6
- 3 The fraction $\frac{12}{18}$ in the simplest form is -----
 (a) $\frac{2}{8}$ (b) $\frac{2}{3}$ (c) $\frac{18}{12}$ (d) 1
- 4 Which of the following is equivalent to $\frac{5}{6}$?
 (a) $\frac{15}{16}$ (b) $\frac{10}{8}$ (c) $1 \frac{1}{5}$ (d) $\frac{20}{24}$
- 5 The fractions which are equivalent to $\frac{5}{6}$ and $\frac{7}{8}$ with the like denominator are -----
 (a) $\frac{15}{18}, \frac{14}{18}$ (b) $\frac{20}{48}, \frac{42}{48}$ (c) $\frac{10}{12}, \frac{10}{12}$ (d) $\frac{20}{24}, \frac{21}{24}$
- 6  +  = -----
 (a) $\frac{2}{3}$ (b) $\frac{3}{4}$ (c) $1 \frac{1}{4}$ (d) $\frac{3}{6}$
- 7 If $\frac{11}{16} - a = \frac{1}{2}$, then the value of a is -----
 (a) $\frac{3}{16}$ (b) $\frac{7}{16}$ (c) $\frac{10}{12}$ (d) $\frac{6}{6}$
- 8 $\frac{5}{12} + \frac{1}{4}$  $\frac{1}{3} + \frac{1}{4}$
 (a) $>$ (b) $<$ (c) $=$ (d) other





9 $\frac{2}{5} + \frac{3}{10} = \text{-----}$

(a) $\frac{5}{15}$

(b) $\frac{1}{2}$

(c) $\frac{7}{10}$

(d) $\frac{5}{10}$

10 If $\frac{9}{14} + K = 1$, then $K = \text{-----}$

(a) $\frac{8}{14}$

(b) $\frac{5}{14}$

(c) $\frac{1}{2}$

(d) $\frac{5}{7}$

11 $\frac{5}{6} - \frac{3}{5} = \text{-----}$

(a) $\frac{8}{30}$

(b) $\frac{9}{20}$

(c) $\frac{7}{30}$

(d) $\frac{3}{4}$

12 $\frac{1}{4} + \frac{1}{3} = \text{-----}$

(a) $\frac{2}{7}$

(b) $\frac{2}{12}$

(c) $\frac{7}{7}$

(d) $\frac{7}{12}$

13 The smallest like denominator of $\frac{1}{3}$ and $\frac{5}{8}$ is -----

(a) 3

(b) 8

(c) 24

(d) 48

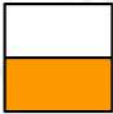
14 $1 - \frac{1}{3} - \frac{1}{5} = \text{-----}$

(a) $\frac{7}{20}$

(b) $\frac{7}{15}$

(c) $\frac{12}{17}$

(d) $\frac{5}{8}$

15  +  = -----

(a) $\frac{1}{3} + \frac{1}{3}$

(b) $\frac{1}{2} + \frac{1}{2}$

(c) $\frac{1}{2} + \frac{1}{3}$

(d) $3 + 2$

16 $1 - \text{-----} = \frac{5}{8}$

(a) $\frac{5}{8}$

(b) $\frac{3}{8}$

(c) $\frac{6}{8}$

(d) $\frac{8}{7}$

17 The L.C.M of the denominators of $\frac{7}{12}$ and $\frac{5}{18}$ is -----

(a) 12

(b) 36

(c) 18

(d) 6





Question 2

Answer the following

1 The L.C.M of the denominators of $\frac{2}{5}$ and $\frac{1}{3}$ is -----

2 $1 + \frac{7}{10} + \frac{3}{4} =$ -----

3 $1 - \text{-----} = \frac{3}{4}$

4 Karim walked $\frac{1}{6}$ km and Sameh walked $\frac{1}{2}$ km more.
 What distance that Sameh walked ?

.....

.....

5 Adam painted $\frac{1}{5}$ of the wall in red and $\frac{2}{3}$ of the same wall in blue.
 Draw a visual model to represent that and color it, then write the
 colored fractions of the wall in the same denominator.

.....

.....

.....

.....

6 Write the following fractions with like denominators: $\frac{2}{3}$ and $\frac{3}{8}$

.....

.....

7 Ahmed bought $\frac{5}{7}$ kilogram of grapes. He used $\frac{2}{3}$ kilogram of
 grapes to make a juice. How much kilogram are left ?

.....

.....





8 Evaluate each expression by rewriting the fractions with like denominator.

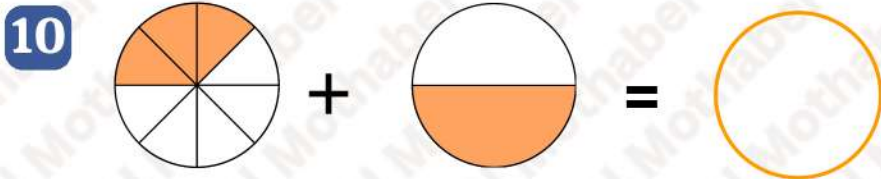
a $\frac{2}{3} + \frac{5}{7}$

b $1 - \frac{1}{4} - \frac{2}{3}$

9 Find the value of k

a $\frac{3}{4} = \frac{k}{20}$

b $k + \frac{1}{3} = \frac{5}{6}$



..... + =

11 Write the fraction in the simplest form

a $2 \frac{8}{24}$

b $\frac{45}{60}$

12 Maha has $\frac{1}{3}$ kg of flour. She used $\frac{2}{7}$ kg of it.
What is the rest with her ?

.....





Question 1

Choose the correct answer

1 $3\frac{2}{5} + 2\frac{3}{5} = \text{-----}$

(a) 5

(b) 6

(c) 4

(d) $3\frac{5}{10}$

2 $9\frac{4}{7} - 9\frac{1}{7} = \text{-----}$

(a) 0

(b) $9\frac{3}{7}$

(c) $\frac{3}{7}$

(d) $1\frac{2}{7}$

3 The fraction $3\frac{2}{5}$ by regrouping is -----

(a) $\frac{15}{5}$

(b) $2\frac{7}{5}$

(c) $1\frac{7}{5}$

(d) $\frac{16}{5}$

4 $\frac{18}{5}$ is equivalent to -----

(a) $3\frac{3}{5}$

(b) $4\frac{1}{5}$

(c) $3\frac{5}{5}$

(d) $3\frac{4}{5}$

5 If $3\frac{4}{7} - x = 2\frac{1}{7}$, then $x = \text{-----}$

(a) 1

(b) $1\frac{3}{7}$

(c) $\frac{3}{7}$

(d) $1\frac{5}{7}$

6 $4\frac{3}{5} - 2\frac{1}{3} = \text{-----}$

(a) $2\frac{2}{5}$

(b) 3

(c) $2\frac{4}{15}$

(d) $2\frac{2}{15}$

7 Which of the following is correct ?

(a) $5\frac{1}{3} - 2\frac{2}{3} = 4\frac{4}{3} - 2\frac{2}{3}$

(b) $7\frac{5}{3} = 6\frac{4}{5}$

(c) $\frac{2}{3} + \frac{1}{4} = \frac{3}{7}$

(d) $1\frac{1}{2} + 2\frac{3}{4} = [1 + 2] - [\frac{1}{2} + \frac{3}{4}]$

8 $4\frac{2}{3} + 1\frac{2}{5} = 5 + 1\frac{2}{5} - \text{-----}$

(a) $\frac{2}{3}$

(b) $\frac{2}{5}$

(c) $\frac{3}{5}$

(d) $\frac{1}{3}$





9 $2\frac{1}{7} + \text{-----} = 4$

(a) $2\frac{6}{7}$

(b) $2\frac{1}{7}$

(c) $\frac{6}{7}$

(d) $1\frac{6}{7}$

10 $2\frac{1}{3} + 1\frac{2}{5}$ can be rewrite as -----

(a) $\frac{6}{3} + \frac{5}{5}$

(b) $\frac{7}{3} + \frac{5}{7}$

(c) $[2 + 1] + [\frac{1}{3} + \frac{2}{5}]$

(d) $3\frac{1}{2} + 5\frac{1}{2}$

11 $k + 5\frac{2}{7} = 6\frac{5}{7}$, then k = -----

(a) $11\frac{7}{7}$

(b) $1\frac{3}{7}$

(c) $4\frac{3}{7}$

(d) $5\frac{1}{7}$

12 $2\frac{1}{4}$ years = ----- months

(a) 27

(b) 54

(c) 135

(d) 180

13 Two fractions $3\frac{2}{3}$ and $5\frac{1}{6}$ with Like denominators are -----

(a) $3\frac{2}{3}$ and $5\frac{1}{6}$

(b) $\frac{2}{3}$ and $\frac{1}{6}$

(c) $3\frac{4}{6}$ and $5\frac{1}{6}$

(d) $3\frac{2}{3}$ and $5\frac{2}{6}$

14 $2\frac{3}{5} + \text{-----} = 3\frac{1}{4}$

(a) $1\frac{1}{4}$

(b) $1\frac{4}{5}$

(c) $\frac{13}{20}$

(d) $1\frac{2}{5}$

15 $2\frac{1}{3}$ hours = ----- minutes

(a) 150

(b) 120

(c) 130

(d) 140

16 $\frac{17}{3}$ is equivalent to -----

(a) $3\frac{1}{6}$

(b) $7\frac{1}{2}$

(c) $3\frac{2}{5}$

(d) $5\frac{2}{3}$





17 $1\frac{5}{8} + 2\frac{7}{12} + \frac{1}{4} = \text{-----}$

(a) $3\frac{7}{12}$

(b) $4\frac{5}{6}$

(c) $4\frac{7}{12}$

(d) $4\frac{11}{24}$

18 $2\frac{4}{5} + 1\frac{3}{10} - 1\frac{1}{2} = \text{-----}$

(a) $3\frac{2}{5}$

(b) $2\frac{6}{10}$

(c) $\frac{6}{5}$

(d) $4\frac{11}{24}$

19 $5\frac{1}{4} - \text{-----} = 3\frac{1}{2}$

(a) $1\frac{3}{4}$

(b) $4\frac{3}{4}$

(c) $\frac{3}{4}$

(d) $8\frac{3}{4}$

Question 2

Answer the following

1 $c + 4\frac{2}{3} = 5\frac{1}{3}$ $c = \text{-----}$

2 $2\frac{4}{8} - d = 1\frac{1}{8}$ $d = \text{-----}$

3 $g - 1\frac{3}{4} = 7\frac{3}{44}$ $g = \text{-----}$

4 $6\frac{7}{15} + d = 13\frac{3}{10}$ $d = \text{-----}$

5 Evaluate each sum or difference. Simplify if possible.

(a) $1\frac{3}{5} + 3\frac{1}{5} = \text{-----}$

(b) $5\frac{2}{7} - 3\frac{4}{7} = \text{-----}$

6 $5\frac{1}{7} = \frac{\boxed{}}{\boxed{}}$

7 $3\frac{5}{6} = \frac{\boxed{}}{\boxed{}}$

8 $6\frac{1}{2}$ years = ----- years and ----- months





9 150 seconds = ----- minutes

10 $7\frac{1}{10}$ minutes = ----- minutes and ----- seconds

11 $\frac{1}{6}$ day = ----- hours

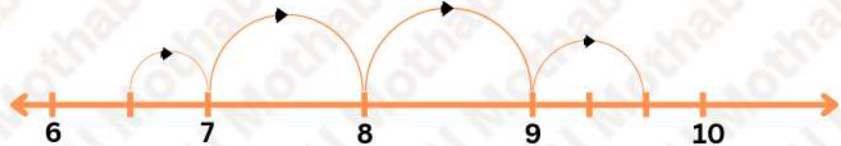
12 $4\frac{3}{4}$ hours = ----- hours and ----- minutes

13 $2\frac{3}{5} + 1\frac{1}{2} =$ -----

+

14 Use a number line to find the difference.

$9\frac{2}{3} - 6\frac{1}{2} =$ -----



15 Sameh ate $1\frac{3}{4}$ kg of fruits, Bassem ate $\frac{1}{5}$ kg more than Sameh and Wael ate $\frac{1}{2}$ kg less than Sameh.

How many kg of fruits did the three friends eat together ?

.....

.....

.....

16 Samira has $2\frac{2}{5}$ kg of flour . She used $1\frac{1}{5}$ kg to make sugar cake . Find the remainder amount of flour ?

.....

.....





- 17** Marwan studied Math for $2\frac{1}{2}$ hours and Science for 90 minutes. How many hours did Marwan study in all ?

.....

.....

- 18** Farida bought $2\frac{1}{2}$ kg of tomato, $1\frac{3}{8}$ kg of onion and $5\frac{1}{4}$ kg of potatoes. How much vegetables did she buy?

.....

.....

.....

- 19** A ship traveling up the Nile takes $6\frac{1}{6}$ hours to reach its destination. On the way back, the current helps push the ship along, so it takes 30 fewer minutes for the return trip. How long is the ship's trip up and down the Nile ?

.....

.....

.....

- 20** A vessel contains $1\frac{1}{2}$ liters of milk. Ahmed drinks $\frac{1}{4}$ liter of milk and Sara drinks $\frac{1}{2}$ liter of milk. How much of milk is left in the vessel ?

.....

.....

.....





Question 1

Choose the correct answer

1 $\frac{1}{3}$ of 12 = -----

(a) 4

(b) 3

(c) 12

(d) 8

2 $\frac{3}{5} \times 15 =$ -----

(a) 2

(b) 6

(c) 9

(d) 7

3 $7 \times \frac{3}{7}$ $\frac{3}{7} \times 3$

(a) <

(b) =

(c) >

(d) otherwise

4 $2 \times \frac{\square}{7} = \frac{6}{7}$

(a) 4

(b) 3

(c) 2

(d) 1

5 $\frac{17}{2}$ is equivalent to -----

(a) $8\frac{1}{2}$ (b) $6\frac{1}{2}$ (c) $5\frac{1}{2}$ (d) $1\frac{2}{7}$

6 $\frac{2}{3} \times \frac{3}{8} \times \frac{8}{9} =$ -----

(a) $\frac{1}{3}$ (b) $\frac{2}{9}$ (c) $\frac{13}{20}$ (d) $\frac{2}{17}$

7 $2 \times \frac{\text{----}}{7} = \frac{6}{7}$

(a) 2

(b) 3

(c) 1

(d) 4

8 $\frac{3}{5} \times \frac{5}{7}$ $\frac{3}{7}$

(a) <

(b) =

(c) >

(d) otherwise

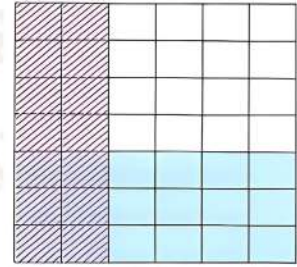
9 $0.25 \times \frac{8}{9} =$ -----

(a) $\frac{1}{4}$ (b) $\frac{2}{3}$ (c) $\frac{4}{9}$ (d) $\frac{2}{9}$ 



10 Study the multiplication area model

and fill the missing fraction $\frac{3}{6} \times \text{-----}$



(a) $\frac{3}{6}$

(b) 3

(c) $\frac{2}{7}$

(d) $\frac{6}{7}$

11 $2 \frac{3}{4} = \frac{\square}{4}$

(a) 8

(b) 9

(c) 11

(d) 13

12 $\frac{3}{4} \times 1 \frac{1}{9} = \text{-----}$

(a) $\frac{1}{9}$

(b) $\frac{5}{6}$

(c) $\frac{3}{4}$

(d) $\frac{6}{5}$

13 $2 \frac{2}{3} \times \frac{3}{7} = \text{-----}$

(a) $\frac{3}{7}$

(b) $\frac{5}{7}$

(c) $\frac{5}{4}$

(d) $\frac{8}{7}$

14 $7 \frac{5}{6} \times \frac{1}{8} \bigcirc 1$

(a) <

(b) =

(c) >

(d) otherwise

15 $1 \frac{1}{5} \times \text{-----} = 1$

(a) 5

(b) $\frac{5}{4}$

(c) $\frac{5}{6}$

(d) $\frac{6}{5}$

16 $\frac{9}{7}$ is equivalent to -----

(a) $8 \frac{1}{2}$

(b) $6 \frac{1}{2}$

(c) $5 \frac{1}{2}$

(d) $1 \frac{2}{7}$

17 $14 \div 5 = \text{-----} + 2$

(a) $\frac{2}{5}$

(b) $\frac{3}{5}$

(c) $\frac{4}{5}$

(d) $\frac{1}{5}$





18 $13 \div 7$ equals each of the following except -----

- (a) $1 + \frac{6}{7}$ (b) $1 \frac{6}{7}$ (c) $1 \times \frac{6}{7}$ (d) $\frac{26}{14}$

19 $6 \frac{1}{2} = \text{-----} \div 2$

- (a) 11 (b) 12 (c) 13 (d) 14

20 If we divide 7 oranges among 5 persons, then each person has ----- orange.

- (a) $\frac{5}{7}$ (b) $1 \frac{1}{5}$ (c) $2 \frac{1}{5}$ (d) $1 \frac{2}{5}$

21 If $\frac{1}{3} \div a = \frac{1}{12}$, then $a = \text{-----}$

- (a) 4 (b) 36 (c) $\frac{1}{4}$ (d) $\frac{4}{3}$

22 The number of fourths in one whole is -----

- (a) 1 (b) 4 (c) 3 (d) $\frac{1}{4}$

23 $3 \times \frac{1}{5}$  $3 \div \frac{1}{5}$

- (a) < (b) = (c) > (d) otherwise

24 $5 \div \frac{1}{5} = \text{-----}$

- (a) 1 (b) 5 (c) 10 (d) 25

25 $5 \times \frac{3}{7}$  $4 \frac{3}{7}$

- (a) < (b) = (c) > (d) otherwise

26 How many fifths are there in 7?

- (a) $5 \div 7$ (b) 5×7 (c) $5 + 7$ (d) $7 - 5$

27 $0.25 \times \frac{6}{7} = \text{-----}$

- (a) $\frac{1}{14}$ (b) $\frac{1}{7}$ (c) $\frac{3}{14}$ (d) $\frac{2}{7}$





Question 2

Answer the following

- 1 Moustafa is harvesting sugarcane. He can harvest $3\frac{3}{4}$ kg of sugarcane in 1 hour. If he plans to work for $2\frac{1}{2}$ hours.
How much sugarcane will he harvest ?
.....
.....
- 2 How many thirds are there in the number 8 ?
.....
- 3 Aya reads from her favorite book $\frac{3}{4}$ hr daily, then if she reads the book within 6 days. How many hours will she take to read the book ?
.....
.....
- 4 A teacher wants to give $\frac{1}{8}$ of a box pencils to each student. He has 5 boxes of pencils.
To how many students will he be able to give pencils ?
.....
.....
- 5 Sara ate $\frac{1}{8}$ of 24 candies . How many candies are left ?
.....
.....
- 6 If the price of 16 pens is 26 LE . Find the price of each one ?
.....





- 7** A supermarket employee is a shelf stacker. His time for stacking a shelf is $\frac{1}{3}$ hour for a shelf. If he is at work for 8 hours. How many shelves will he be able to fill ?
-
-

- 8** I took ten minutes to answer one-quarter of the questions. How long will I take to answer all the questions ?
-
-

- 9** 3 persons shared a taxi fare equally, if they paid total 28 L.E. How much money did each of them pay?
-
-

- 10** A mother is $1\frac{3}{8}$ times as tall as her daughter.
 The girl is $1\frac{1}{3}$ times as tall as her brother.
 How many times the mother is as tall as her son ?
-
-

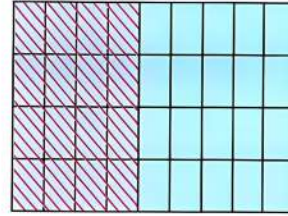
- 11** As a caretaker, Ezz walks the perimeter of the garden 3 days per week. The perimeter of the garden is $2\frac{1}{5}$ kilometers. What is the total distance Ezz walks each week?
 Use more than one strategy.
-
-





- 12** Use the area models and fill in the missing fraction.
 Then, enter the product. Simplify your answers, if possible.

$$\text{-----} \times \frac{4}{9} = \text{-----}$$



13 If $\frac{1}{2} \times b = \frac{5}{6}$, then $b = \text{-----}$

14 $\text{-----} \times \frac{3}{8} = \frac{15}{24}$

15 If $\frac{1}{5} \div e = \frac{1}{30}$, then $e = \text{-----}$

16 $4\frac{1}{4} = \text{-----}$ [Improper fraction]

17 $3\frac{1}{4} \times \frac{1}{2} = (3 + \text{-----}) \times \frac{1}{2}$

- 18** Find using the area model.

$$\frac{4}{5} \times 3$$



حمل الآن

مجاناً وحصرياً

المراجعة رقم (6)

اختبار شهر مارس



Choose the correct answer:

1	$\frac{2}{5}, \frac{3}{15}$ are equivalent to	a $\frac{5}{15}, \frac{3}{15}$	b $\frac{2}{5}, \frac{1}{5}$	c $\frac{2}{5}, \frac{3}{5}$	d $\frac{8}{20}, \frac{5}{20}$
2	$\frac{3}{4} - \frac{1}{3} = \dots\dots\dots$	a $\frac{1}{2}$	b $\frac{1}{4}$	c $\frac{5}{12}$	d $\frac{1}{3}$
3	$\frac{2}{5} + \frac{3}{10} = \dots\dots\dots$	a $\frac{5}{15}$	b $\frac{7}{10}$	c $\frac{5}{10}$	d $\frac{1}{2}$
4	$\frac{3}{4} - \frac{5}{8} = \dots\dots\dots$	a $\frac{1}{4}$	b $\frac{1}{8}$	c $\frac{3}{8}$	d $\frac{5}{8}$
5	$5\frac{1}{2} + 3\frac{1}{5} = \dots\dots\dots$	a $8\frac{2}{7}$	b $8\frac{7}{10}$	c $8\frac{1}{2}$	d $8\frac{2}{5}$
6	$1\frac{4}{5} - 1\frac{1}{20} = \dots\dots\dots$	a $\frac{7}{20}$	b $\frac{4}{3}$	c $\frac{3}{4}$	d $1\frac{1}{5}$
7	$\frac{5}{7} - \dots\dots\dots = \frac{1}{7}$	a $\frac{1}{7}$	b $\frac{4}{7}$	c $\frac{5}{7}$	d $\frac{6}{7}$
8	$4\frac{4}{5} + \frac{3}{5} = 5 + \dots\dots\dots$	a $\frac{7}{5}$	b $\frac{2}{5}$	c $\frac{3}{5}$	d $\frac{1}{5}$
9	$4\frac{3}{7} + 1\frac{5}{7} = \dots\dots\dots$	a $5\frac{1}{7}$	b $6\frac{1}{7}$	c $5\frac{8}{14}$	d $6\frac{2}{7}$



10	$5\frac{5}{8} - 3\frac{2}{8} = \dots\dots\dots$ a $8\frac{7}{8}$ b $3\frac{3}{8}$ c $2\frac{1}{4}$ d $2\frac{3}{8}$
11	If: $4\frac{3}{5} + K = 6\frac{2}{5}$, then $K = \dots\dots\dots$ a $1\frac{4}{5}$ b 11 c $2\frac{1}{5}$ d $1\frac{3}{5}$
12	Two fractions: $2\frac{5}{8}$, $1\frac{3}{4}$ with like denominators are a $2\frac{5}{16}, 1\frac{3}{16}$ b $1\frac{5}{8}, 2\frac{6}{8}$ c $2\frac{5}{8}, 1\frac{3}{8}$ d $2\frac{5}{8}, 1\frac{6}{8}$
13	$9\frac{4}{7} - 9\frac{1}{7} = \dots\dots\dots$ a 0 b $9\frac{3}{7}$ c $\frac{3}{7}$ d $1\frac{2}{7}$
14	$\frac{19}{5}$ is equivalent to a $3\frac{3}{5}$ b $4\frac{1}{5}$ c $3\frac{5}{5}$ d $3\frac{4}{5}$
15	$3\frac{4}{7}$ can be regrouped as a 3 b 4 c $2\frac{11}{7}$ d $2\frac{4}{7}$
16	The LCM of the denominators of $\frac{4}{7}$ and $\frac{1}{2}$ is a 2 b 7 c 14 d 28
17	$\frac{4}{7} - \frac{2}{5} = \dots\dots\dots$ a 1 b $\frac{6}{5}$ c $\frac{6}{35}$ d $\frac{6}{7}$
18	The smallest like denominator of $\frac{3}{4}$ and $\frac{4}{5}$ is a 20 b 10 c 12 d 40
19	$\frac{17}{3}$ is equivalent to a $\frac{1}{6}$ b $7\frac{1}{2}$ c $3\frac{2}{5}$ d $5\frac{2}{3}$



20	$3\frac{3}{7} = \dots\dots\dots$ (as an improper fraction)	a $1\frac{17}{7}$	b $2\frac{10}{7}$	c $\frac{24}{7}$	d $1\frac{4}{7}$
21	$9\frac{1}{7}$ can be regrouped as	a 64	b $8\frac{8}{7}$	c $\frac{1}{7}$	d $1\frac{2}{7}$
22	$9\frac{4}{7} = 8\frac{\dots\dots}{\dots\dots}$	a $\frac{3}{7}$	b $\frac{4}{7}$	c $\frac{11}{7}$	d $\frac{67}{7}$
23	If: $k - 4\frac{3}{5} = 6\frac{2}{5}$, then $k = \dots\dots\dots$	a 4	b 6	c 10	d 11
24	$3\frac{4}{7} + 2\frac{3}{8} + 1\frac{3}{7} = \dots\dots\dots$	a $7\frac{3}{8}$	b $6\frac{10}{22}$	c $6\frac{5}{11}$	d $6\frac{3}{8}$
25	$\frac{1}{2} + \frac{1}{3} = \dots\dots\dots$	a $\frac{2}{5}$	b $\frac{2}{6}$	c $\frac{5}{6}$	d $\frac{1}{6}$
26	$3 \div \frac{1}{5} = \dots\dots\dots$	a $\frac{1}{5}$	b $\frac{1}{15}$	c 15	d $\frac{3}{5}$
27	$\frac{1}{7} \div 2 = \dots\dots\dots$	a $\frac{1}{7}$	b $\frac{1}{14}$	c 14	d $\frac{2}{7}$
28	$\frac{1}{7} \times \dots\dots\dots = 2$	a 35	b 28	c 21	d 14
29	$\frac{4}{9} + 2 + \frac{1}{9} + 4 = \dots\dots\dots$	a $6\frac{3}{9}$	b $6\frac{5}{9}$	c $6\frac{1}{9}$	d $2\frac{3}{9}$



Essay Problems:

- 1 Omnia purchased $\frac{4}{5}$ kg of fava beans. She used $\frac{3}{4}$ kg of them to make falafel. How many kilograms of fava beans did she have left?
.....
- 2 Use the distribution property to find the product of: $1\frac{1}{2} \times \frac{2}{3}$.
.....
- 3 Ali bought a book for $20\frac{3}{8}$ pounds and a pen for $5\frac{1}{2}$ pounds. How much money did he pay?
- 4 Ahmed ran for $2\frac{1}{5}$ km, Ali ran $1\frac{1}{2}$ km more. What is the distance that Ali ran?
- 5 $5\frac{3}{4}$ years = years and months
- 6 5 minutes and 40 seconds = minutes
- 7 Find the product of: $1\frac{2}{3} \times 4\frac{1}{5} =$
- 8 Amal bought $2\frac{1}{3}$ kg of orange, the price per kilogram is $10\frac{1}{2}$ pounds. How much many did she pay?
.....
- 9 Ibrahim bought 20 pieces of chocolate, he gave $\frac{3}{5}$ of them to his friends. How many pieces did he give to his friends?
- 10 There are 3 bags of rice, the mass of each bag is $\frac{2}{3}$ kg. What is the total mass of the rice?
- 11 IF: $\frac{1}{9} \div a = \frac{1}{45}$ and $\frac{1}{9} \times b = \frac{1}{45}$, then a = and b =
- 12 IF: $8 \div a = 24$ and $8 \times b = 24$, then a = and b =



حمل الآن

مجاناً وحصرياً

المراجعة رقم (7)

اختبار شهر مارس



Model (1)

Question 1 : Choose the correct answer :

- 1 90 minutes = hours .
 - a $1\frac{1}{2}$
 - b $3\frac{1}{2}$
 - c 30
 - d $12\frac{1}{2}$
- 2 $4 - \frac{3}{5} = \dots$
 - a $3\frac{1}{5}$
 - b $\frac{3}{5}$
 - c $3\frac{2}{5}$
 - d $4\frac{3}{5}$
- 3 $1\frac{3}{4} \times \frac{2}{7} = \dots$
 - a $\frac{3}{8}$
 - b $\frac{7}{8}$
 - c $\frac{1}{2}$
 - d $\frac{6}{8}$
- 4 $6\frac{1}{2} = \dots \div 2$
 - a 11
 - b 12
 - c 13
 - d 14
- 5 $\frac{22}{4} = \dots$
 - a $2\frac{2}{4}$
 - b $20\frac{2}{4}$
 - c $5\frac{2}{4}$
 - d $2\frac{5}{4}$
- 6 $8\frac{3}{7} - 2\frac{1}{7} = \dots$
 - a $10\frac{2}{7}$
 - b $6\frac{2}{14}$
 - c 16
 - d $6\frac{2}{7}$
- 7 If $\frac{3}{4} = \frac{b}{12}$, then b = ...
 - a 3
 - b 6
 - c 9
 - d 12
- 8 $\frac{1}{6} \times \dots = 1$
 - a 6
 - b $\frac{1}{6}$
 - c $\frac{1}{3}$
 - d 2
- 9 The L.C.M of the denominators of fractions $\frac{1}{8}$ and $\frac{3}{4}$ is
 - a 2
 - b 8
 - c 32
 - d 4

Question 2 : Answer the following questions :

- ① Farah has $2\frac{1}{3}$ bags of rice, each bag contains $1\frac{5}{7}$ kg of rice
How much rice does Farah have?
- ② Ayman ran $3\frac{3}{5}$ km in one day, next day he ran $2\frac{1}{2}$ km
What is the difference between the two distances?
- ③ Salma took $2\frac{1}{3}$ hours to paint a chair and $1\frac{1}{4}$ hours to paint a table
How much time did she take in all?
- ④ There are 5 kg of flour, a worker divided the flour into packages of $\frac{1}{4}$ kg,
How many packages will be made?
- ⑤ Find the value of b if : $3\frac{1}{2} + b = 7$
- ⑥ Find the value of a :
a) $6 \div a = 24$
b) $\frac{1}{7} \div a = \frac{1}{21}$
- ⑦ How many sixths in the number 6?

Model (2)

Question 1 : Choose the correct answer :

- ① $5\frac{1}{3} = \dots$
 (a) 12 (b) $\frac{4}{3}$ (c) $\frac{16}{3}$ (d) $\frac{1}{2}$
- ② $2\frac{1}{3} \times 5 = (2 \times 5) + (\dots \times 5)$
 (a) 2 (b) $\frac{1}{3}$ (c) 10 (d) 12

- 3 $3 \div \frac{1}{2} \square 6$
- (a) $>$ (b) $<$ (c) $=$ (d) $\neq$
- 4 $\frac{1}{4} \text{ hours} = \dots \text{ minutes}$
- (a) 45 (b) 10 (c) 30 (d) 15
- 5 $\frac{1}{4} + \frac{1}{4} + 1 = \dots$
- (a) $\frac{2}{4}$ (b) $\frac{3}{4}$ (c) $3\frac{2}{4}$ (d) $1\frac{1}{2}$
- 6 The two equivalent fractions of two fractions $\frac{27}{36}, \frac{6}{24}$ are
- (a) $\frac{3}{4}, \frac{1}{4}$ (b) $5\frac{3}{5}, \frac{1}{4}$ (c) $4\frac{3}{4}, \frac{1}{3}$ (d) $\frac{3}{4}, \frac{1}{2}$
- 7 $\frac{1}{7} \times \dots = 2$
- (a) 35 (b) 28 (c) 21 (d) 14
- 8 $5\frac{1}{2} + 1\frac{3}{10} = \dots$
- (a) $6\frac{4}{6}$ (b) $6\frac{1}{10}$ (c) $6\frac{2}{10}$ (d) $6\frac{4}{5}$
- 9 $\frac{5}{8} - \frac{1}{4} = \dots$
- (a) $\frac{1}{8}$ (b) $\frac{2}{8}$ (c) $\frac{3}{8}$ (d) $\frac{4}{4}$

Question 2 : Answer the following questions :

- 1 Find the value of m in the equation :
- $$\frac{1}{3} \div m = \frac{1}{12}$$
- 2 If the price of a pen is $3\frac{1}{2}$ pounds Find the price of 5 pens
- 3 Mahmoud bought chocolate bar and ate $\frac{3}{10}$ of it , and his sister ate $\frac{4}{10}$ of it ,
 What is the total amount they both ate ?

- 4 Find the value of k : $\frac{1}{3} + k = \frac{5}{6}$
- 5 If the pattern rule is multiplying by $\frac{1}{3}$ and the input is 27 ,
What is the out put ?
- 6 Sara has $6\frac{4}{5}$ cakes , she gave $3\frac{1}{2}$ to her brother ,
How many cakes are left with her ?
- 7 Find the result : $5 \div \frac{1}{3}$

Model (3)

Question 1 : Choose the correct answer:

- 1 $\frac{1}{3} \times \frac{1}{5} = \dots$
 (a) 3 (b) $\frac{1}{15}$ (c) $\frac{5}{3}$ (d) 5
- 2 $3 \div \frac{1}{2} = \dots$
 (a) 6 (b) $\frac{1}{6}$ (c) $\frac{1}{3}$ (d) 3
- 3 $\frac{1}{2} + \frac{1}{4} = \dots$
 (a) $\frac{1}{4}$ (b) $\frac{3}{4}$ (c) $\frac{1}{2}$ (d) 2
- 4 $\frac{1}{2} \text{ year} = \dots \text{ months}$
 (a) 12 (b) 9 (c) 18 (d) 6

- 5 $3\frac{1}{5} = \dots$ (as an improper fraction)
- (a) $\frac{16}{5}$ (b) $2\frac{6}{5}$ (c) 4 (d) $3\frac{3}{5}$
- 6 The smallest like denominator for $\frac{1}{2}$ and $\frac{1}{3}$ is ...
- (a) 5 (b) 6 (c) 12 (d) 23
- 7 $\frac{1}{4} \div c = \frac{1}{12}$, then c = ...
- (a) 4 (b) 3 (c) 1 (d) $\frac{1}{3}$
- 8 If $\frac{1}{5}xk = 1$, then k = ...
- (a) 10 (b) 5 (c) 1 (d) $\frac{1}{5}$
- 9 $3\frac{1}{2} - 2\frac{3}{4} = \dots$
- (a) $1\frac{1}{4}$ (b) $1\frac{1}{2}$ (c) $\frac{1}{2}$ (d) $\frac{3}{4}$

Question 2 : Answer the following questions :

- 1 Omar wants to divide $\frac{1}{2}$ kg of oranges equally among 2 of his friends
What is friends share?
- 2 Sara bought $1\frac{1}{2}$ liters of milk at a price of 2.5 Egyptians pounds per liter
What is the total amount sara paid ?
- 3 If $\frac{5}{9} + k = 1$, find the value of k ?
- 4 Ayman bought $2\frac{3}{8}$ kilogram of apple and $3\frac{1}{4}$ kilogram of banana ,
Find the total weight in kilograms of apple and banana ?
- 5 Find the product in the simplest form : $\frac{3}{7} \times \frac{7}{15}$

- 6 Mahmoud has $\frac{2}{3}$ liter of juice , and he drank $\frac{2}{5}$ liter of it .

How many liters are left from the juice ?

- 7 Find the value of B in $\frac{23}{5} = B \frac{3}{5}$

Model (4)

Question 1 : Choose the correct answer :

- 1 If $\frac{1}{5} \times k = \frac{1}{15}$ m then k = ...
- (a) 3 (b) $\frac{1}{3}$ (c) $\frac{3}{3}$ (d) $\frac{5}{3}$
- 2 $5 \div \frac{1}{2} = \dots$
- (a) 10 (b) $\frac{2}{5}$ (c) $\frac{1}{10}$ (d) $\frac{5}{2}$
- 3 $1 - \frac{1}{4} = \dots$
- (a) 3 (b) $\frac{4}{3}$ (c) $\frac{3}{4}$ (d) $\frac{1}{3}$
- 4 The fraction $\frac{12}{20}$ is equivalent to
- (a) $\frac{5}{10}$ (b) $1\frac{1}{5}$ (c) $\frac{3}{5}$ (d) 15
- 5 2.5 hours = ... minutes
- (a) 60 (b) 30 (c) 90 (d) 150
- 6 If $\frac{4}{7} \times 14 = a \times 4$, then a =
- (a) 3 (b) 2 (c) 14 (d) 7
- 7 The smallest common denominator of the fraction $\frac{2}{3}$ and $\frac{4}{5}$ is
- (a) 27 (b) 15 (c) 5 (d) 10
- 8 $2\frac{1}{2} + 3\frac{3}{4} = \dots$
- (a) $5\frac{4}{6}$ (b) $5\frac{1}{4}$ (c) $6\frac{5}{4}$ (d) $\frac{25}{4}$

- 9 If $\frac{1}{3} \div A = \frac{1}{9}$, then $A = \dots$
- (a) 3 (b) $\frac{1}{27}$ (c) $\frac{1}{3}$ (d) 27

Question 2 : Answer the following questions :

- 1 EZZ notices that $\frac{2}{3}$ of the 6 rose bushes are in bloom ,
How many rose bushes are in bloom ?
- 2 Mariam reads a book for $1\frac{1}{3}$ hours ,
How many minutes does she read ?
- 3 Soad has $\frac{3}{4}$ liter of juice , she drank $\frac{1}{3}$ liter of it ,
How many liters are left from the juice ?
- 4 Complete :
a) $17 \div 3 = 5\frac{d}{3}$, then the value of d=...
b) $\frac{3}{4} \times \dots = 1$
- 5 Find the sum in the simplest form : $1\frac{1}{4} + 1\frac{2}{3}$
- 6 Find in the simplest form : $2\frac{2}{5} \times \frac{3}{4}$
- 7 Find the quotient : $2 \div \frac{2}{3}$

Model (5)
Question 1 : Choose the correct answer :

- 1 $3 \div \frac{1}{2} \square 6$
 - (a) $>$
 - (b) $<$
 - (c) $\neq$
 - (d) $=$
- 2 $\frac{1}{5}$ of 15 = ...
 - (a) $\frac{1}{5}$
 - (b) 20
 - (c) 3
 - (d) $\frac{1}{6}$
- 3 $1\frac{1}{3}$ hours = ... minutes
 - (a) 80
 - (b) 70
 - (c) 60
 - (d) 90
- 4 If $\frac{4}{7} + \frac{1}{3} = \frac{x}{21} + \frac{7}{21}$ then the value of x = ...
 - (a) 12
 - (b) 3
 - (c) 7
 - (d) 4
- 5 $3\frac{1}{2} - 2\frac{1}{4} = \dots$
 - (a) $1\frac{1}{4}$
 - (b) $1\frac{1}{2}$
 - (c) $\frac{1}{2}$
 - (d) $\frac{3}{4}$
- 6 $\frac{4}{7} \times \frac{14}{20} = \dots$
 - (a) $\frac{1}{2}$
 - (b) 2
 - (c) $\frac{2}{5}$
 - (d) $\frac{7}{10}$
- 7 If $8 \div m = 24$, then m = ...
 - (a) 3
 - (b) $\frac{1}{3}$
 - (c) $\frac{1}{2}$
 - (d) 32
- 8 L.C. M for the denominators of the two fractions $\frac{3}{7}, \frac{2}{3}$ is
 - (a) 21
 - (b) 10
 - (c) 30
 - (d) 32
- 9 The equivalent fractions for $\frac{1}{2}$ is
 - (a) $\frac{4}{10}$
 - (b) $\frac{6}{12}$
 - (c) $\frac{9}{15}$
 - (d) $\frac{10}{15}$

Question 2 : Answer the following questions :

- 1 Subtract : $2\frac{2}{3} - 1\frac{3}{5}$

- 2 Multiply then put the result in simplest form : $2\frac{1}{4} \times 2\frac{2}{3}$
- 3 Samira studied math for $1\frac{1}{2}$ hours and science for 40 minutes ,
How many minutes did Samira study in all ?
- 4 Mr Adel wants to give $\frac{1}{5}$ of a box of candies to each student , he has 9 boxes
How many students will he be able to give candies ?
- 5 Maya ate $\frac{1}{4}$ of 24 sweets ,
How many sweets are left ?
- 6 Ahmed ate $\frac{1}{4}$ kg of fruits, Bassem ate $\frac{2}{5}$ kg
How many kg they ate together ?
- 7 Yasmin bought $1\frac{1}{2}$ liters of milk , at a price of 2.5 Egyptian pounds per liter
What is the total amount Yasmine paid ?

Model (1)

Question 1 : Choose the correct answer :

- 1 90 minutes = hours .
 (a) $1\frac{1}{2}$ (b) $3\frac{1}{2}$ (c) 30 (d) $12\frac{1}{2}$
- 2 $4 - \frac{3}{5} = \dots$
 (a) $3\frac{1}{5}$ (b) $\frac{3}{5}$ (c) $3\frac{2}{5}$ (d) $4\frac{3}{5}$
- 3 $1\frac{3}{4} \times \frac{2}{7} = \dots$
 (a) $\frac{3}{8}$ (b) $\frac{7}{8}$ (c) $\frac{1}{2}$ (d) $\frac{6}{8}$
- 4 $6\frac{1}{2} = \dots \div 2$
 (a) 11 (b) 12 (c) 13 (d) 14
- 5 $\frac{22}{4} = \dots$
 (a) $2\frac{2}{4}$ (b) $20\frac{2}{4}$ (c) $5\frac{2}{4}$ (d) $2\frac{5}{4}$
- 6 $8\frac{3}{7} - 2\frac{1}{7} = \dots$
 (a) $10\frac{2}{7}$ (b) $6\frac{2}{14}$ (c) 16 (d) $6\frac{2}{7}$
- 7 If $\frac{3}{4} = \frac{b}{12}$, then b = ...
 (a) 3 (b) 6 (c) 9 (d) 12
- 8 $\frac{1}{6} \times \dots = 1$
 (a) 6 (b) $\frac{1}{6}$ (c) $\frac{1}{3}$ (d) 2
- 9 The L.C.M of the denominators of fractions $\frac{1}{8}$ and $\frac{3}{4}$ is
 (a) 2 (b) 8 (c) 32 (d) 4

Question 2 : Answer the following questions :

- ① Farah has $2\frac{1}{3}$ bags of rice, each bag contains $1\frac{5}{7}$ kg of rice
How much rice does Farah have?

$$2\frac{1}{3} \times 1\frac{5}{7} = \frac{7}{3} \times \frac{12}{7} = \frac{1}{3} \times 12 = 4$$

- ② Ayman ran $3\frac{3}{5}$ km in one day, next day he ran $2\frac{1}{2}$ km
What is the difference between the two distances?

$$3\frac{3}{5} - 2\frac{1}{2} = 3\frac{6}{10} - 2\frac{5}{10} = 1\frac{1}{10} \text{ km}$$

- ③ Salma took $2\frac{1}{3}$ hours to paint a chair and $1\frac{1}{4}$ hours to paint a table
How much time did she take in all?

$$1\frac{1}{4} + 2\frac{1}{3} = 1\frac{3}{12} + 2\frac{4}{12} = 3\frac{7}{12} \text{ hours}$$

- ④ There are 5 kg of flour, a worker divided the flour into packages of $\frac{1}{4}$ kg,
How many packages will be made?

$$5 \div \frac{1}{4} = 20 \text{ packages}$$

- ⑤ Find the value of b if : $3\frac{1}{2} + b = 7$

$$b = 7 - 3\frac{1}{2} = 3\frac{1}{2}$$

- ⑥ Find the value of a :

a) $6 \div a = 24$

b) $\frac{1}{7} \div a = \frac{1}{21}$

a) $\frac{1}{4}$

b) 3

- ⑦ How many sixths in the number 6?

$$6 \div \frac{1}{6} = 36$$

Model (2)

Question 1 : Choose the correct answer :

- 1 $5\frac{1}{3} = \dots$
 - a 12
 - b $\frac{4}{3}$
 - c $\frac{16}{3}$
 - d $\frac{1}{2}$
- 2 $2\frac{1}{3} \times 5 = (2 \times 5) + (\dots \times 5)$
 - a 2
 - b $\frac{1}{3}$
 - c 10
 - d 12
- 3 $3 \div \frac{1}{2} \square 6$
 - a $>$
 - b $<$
 - c $=$
 - d $\neq$
- 4 $\frac{1}{4} \text{ hours} = \dots \text{ minutes}$
 - a 45
 - b 10
 - c 30
 - d 15
- 5 $\frac{1}{4} + \frac{1}{4} + 1 = \dots$
 - a $\frac{2}{4}$
 - b $\frac{3}{4}$
 - c $3\frac{2}{4}$
 - d $1\frac{1}{2}$
- 6 The two equivalent fractions of two fractions $\frac{27}{36}, \frac{6}{24}$ are
 - a $\frac{3}{4}, \frac{1}{4}$
 - b $5\frac{3}{5}, \frac{1}{4}$
 - c $4\frac{3}{4}, \frac{1}{3}$
 - d $\frac{3}{4}, \frac{1}{2}$
- 7 $\frac{1}{7} \times \dots = 2$
 - a 35
 - b 28
 - c 21
 - d 14
- 8 $5\frac{1}{2} + 1\frac{3}{10} = \dots$
 - a $6\frac{4}{6}$
 - b $6\frac{1}{10}$
 - c $6\frac{2}{10}$
 - d $6\frac{4}{5}$
- 9 $\frac{5}{8} - \frac{1}{4} = \dots$
 - a $\frac{1}{8}$
 - b $\frac{2}{8}$
 - c $\frac{3}{8}$
 - d $\frac{4}{8}$

Question 2 : Answer the following questions :

- ① Find the value of m in the equation :

$$\frac{1}{3} \div m = \frac{1}{12}$$

$$m = \frac{1}{3} \div \frac{1}{12} = \frac{1}{3} \times \frac{12}{1} = \frac{12}{3} = 4$$

- ② If the price of a pen is $3\frac{1}{2}$ pounds

Find the price of 5 pens

$$3\frac{1}{2} \times 5 = \frac{7}{2} \times 5 = \frac{35}{2} = 17\frac{1}{2}$$

- ③ Mahmoud bought chocolate bar and ate $\frac{3}{10}$ of it , and his sister ate $\frac{4}{10}$ of it ,

What is the total amount they both ate ?

$$\frac{3}{10} + \frac{4}{10} = \frac{7}{10}$$

- ④ Find the value of k : $\frac{1}{3} + k = \frac{5}{6}$

$$k = \frac{5}{6} - \frac{1}{3} \\ = \frac{5}{6} - \frac{2}{6} = \frac{3}{6} = \frac{1}{2}$$

- ⑤ If the pattern rule is multiplying by $\frac{1}{3}$ and the input is 27 ,

What is the out put ?

$$\frac{1}{3} \times 27 = 9$$

- ⑥ Sara has $6\frac{4}{5}$ cakes , she gave $3\frac{1}{2}$ to her brother ,

How many cakes are left with her ?

$$6\frac{4}{5} - 3\frac{1}{2} = 6\frac{8}{10} - 3\frac{5}{10} = 3\frac{3}{10}$$

7 Find the result : $5 \div \frac{1}{3}$

$$5 \times 3 = 15$$

Model (3)

Question 1 : Choose the correct answer:

- 1 $\frac{1}{3} \times \frac{1}{5} = \dots$
 - a 3
 - b $\frac{1}{15}$
 - c $\frac{5}{3}$
 - d 5
- 2 $3 \div \frac{1}{2} = \dots$
 - a 6
 - b $\frac{1}{6}$
 - c $\frac{1}{3}$
 - d 3
- 3 $\frac{1}{2} + \frac{1}{4} = \dots$
 - a $\frac{1}{4}$
 - b $\frac{3}{4}$
 - c $\frac{1}{2}$
 - d 2
- 4 $\frac{1}{2}$ year = ... months
 - a 12
 - b 9
 - c 18
 - d 6
- 5 $3\frac{1}{5} = \dots$ (as an improper fraction)
 - a $\frac{16}{5}$
 - b $2\frac{6}{5}$
 - c 4
 - d $3\frac{3}{5}$
- 6 The smallest like denominator for $\frac{1}{2}$ and $\frac{1}{3}$ is ...
 - a 5
 - b 6
 - c 12
 - d 23
- 7 $\frac{1}{4} \div c = \frac{1}{12}$, then c = ...
 - a 4
 - b 3
 - c 1
 - d $\frac{1}{3}$

- 8 If $\frac{1}{5}xk = 1$, then $k = \dots$
- (a) 10 (b) 5 (c) 1 (d) $\frac{1}{5}$
- 9 $3\frac{1}{2} - 2\frac{3}{4} = \dots$
- (a) $1\frac{1}{4}$ (b) $1\frac{1}{2}$ (c) $\frac{1}{2}$ (d) $\frac{3}{4}$

Question 2 : Answer the following questions :

- 1 Omar wants to divide $\frac{1}{2}$ kg of oranges equally among 2 of his friends
 What is friends share?

$$\frac{1}{2} \div 2 = \frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$$

- 2 Sara bought $1\frac{1}{2}$ liters of milk at a price of 2.5 Egyptians pounds per liter
 What is the total amount sara paid ?

$$1\frac{1}{2} \times 2\frac{1}{2} = \frac{3}{2} \times \frac{5}{2} = \frac{15}{4} = 3\frac{3}{4}$$

- 3 If $\frac{5}{9} + k = 1$, find the value of k ?

$$k = 1 - \frac{5}{9} = \frac{9}{9} - \frac{5}{9} = \frac{4}{9}$$

- 4 Ayman bought $2\frac{3}{8}$ kilogram of apple and $3\frac{1}{4}$ kilogram of banana ,
 Find the total weight in kilograms of apple and banana ?

$$2\frac{3}{8} + 3\frac{1}{4} = 2\frac{3}{8} + 3\frac{2}{8} = 5\frac{5}{8}$$

- 5 Find the product in the simplest form : $\frac{3}{7} \times \frac{7}{15}$

$$\frac{3}{1} \times \frac{1}{15} = \frac{3}{15} = \frac{1}{5}$$

- 6 Mahmoud has $\frac{2}{3}$ liter of juice , and he drank $\frac{2}{5}$ liter of it .

How many liters are left from the juice ?

$$\frac{2}{3} - \frac{2}{5} = \frac{10}{15} - \frac{6}{15} = \frac{4}{15}$$

- 7 Find the value of B in $\frac{23}{5} = B \frac{3}{5}$

$$B = 4$$

Model (4)

Question 1 : Choose the correct answer :

- 1 If $\frac{1}{5} \times k = \frac{1}{15}$ m then k = ...
 (a) 3 (b) $\frac{1}{3}$ (c) $\frac{3}{3}$ (d) $\frac{5}{3}$
- 2 $5 \div \frac{1}{2} = \dots$
 (a) 10 (b) $\frac{2}{5}$ (c) $\frac{1}{10}$ (d) $\frac{5}{2}$
- 3 $1 - \frac{1}{4} = \dots$
 (a) 3 (b) $\frac{4}{3}$ (c) $\frac{3}{4}$ (d) $\frac{1}{3}$
- 4 The fraction $\frac{12}{20}$ is equivalent to
 (a) $\frac{5}{10}$ (b) $1\frac{1}{5}$ (c) $\frac{3}{5}$ (d) 15
- 5 2.5 hours = ... minutes
 (a) 60 (b) 30 (c) 90 (d) 150
- 6 If $\frac{4}{7} \times 14 = a \times 4$, then a =
 (a) 3 (b) 2 (c) 14 (d) 7
- 7 The smallest common denominator of the fraction $\frac{2}{3}$ and $\frac{4}{5}$ is
 (a) 27 (b) 15 (c) 5 (d) 10

8

$$2\frac{1}{2} + 3\frac{3}{4} = \dots$$

a

$$5\frac{4}{6}$$

b

$$5\frac{1}{4}$$

c

$$6\frac{5}{4}$$

d

$$\frac{25}{4}$$

9

 If $\frac{1}{3} \div A = \frac{1}{9}$, then A = ...

a

$$3$$

b

$$\frac{1}{27}$$

c

$$\frac{1}{3}$$

d

$$27$$

Question 2 : Answer the following questions :

1

EZZ notices that $\frac{2}{3}$ of the 6 rose bushes are in bloom ,
 How many rose bushes are in bloom ?

$$\frac{2}{3} \times 6 = \frac{12}{3} = 4$$

2

Mariam reads a book for $1\frac{1}{3}$ hours ,
 How many minutes does she read ?

$$60 + 20 = 80 \text{ minutes}$$

3

Soad has $\frac{3}{4}$ liter of juice , she drank $\frac{1}{3}$ liter of it ,
 How many liters are left from the juice ?

$$\begin{aligned} \frac{3}{4} - \frac{1}{3} &= \\ &= \frac{9}{12} - \frac{4}{12} = \frac{5}{12} \end{aligned}$$

4

Complete :

a) $17 \div 3 = 5\frac{d}{3}$, then the value of d = ...

b) $\frac{3}{4} \times \dots = 1$

a) 2

b) $\frac{4}{3}$

5 Find the sum in the simplest form : $1\frac{1}{4} + 1\frac{2}{3}$

$$1\frac{3}{12} + 1\frac{8}{12} = 2\frac{11}{12}$$

6 Find in the simplest form : $2\frac{2}{5} \times \frac{3}{4}$

$$\frac{12}{5} \times \frac{3}{4} = \frac{3}{5} \times 3 = \frac{9}{5} = 1\frac{4}{5}$$

7 Find the quotient : $2 \div \frac{2}{3}$

$$2 \times \frac{3}{2} = 3$$

Model (5)

Question 1 : Choose the correct answer :

1 $3 \div \frac{1}{2}$ 6

(a) $>$

(b) $<$

(c) $\neq$

(d)

2 $\frac{1}{5}$ of 15 = ...

(a) $\frac{1}{5}$

(b) 20

(c)

(d) $\frac{1}{6}$

3 $1\frac{1}{3}$ hours = ... minutes

(a)

(b) 70

(c) 60

(d) 90

4 If $\frac{4}{7} + \frac{1}{3} = \frac{x}{21} + \frac{7}{21}$ then the value of x = ...

(a)

(b) 3

(c) 7

(d) 4

5 $3\frac{1}{2} - 2\frac{1}{4} = \dots$

(a)

(b) $1\frac{1}{2}$

(c) $\frac{1}{2}$

(d) $\frac{3}{4}$

- 6 $\frac{4}{7} \times \frac{14}{20} = \dots$
- (a) $\frac{1}{2}$ (b) 2 (c) $\frac{2}{5}$ (d) $\frac{7}{10}$
- 7 If $8 \div m = 24$, then $m = \dots$
- (a) 3 (b) $\frac{1}{3}$ (c) $\frac{1}{2}$ (d) 32
- 8 L.C. M for the denominators of the two fractions $\frac{3}{7}, \frac{2}{3}$ is
- (a) 21 (b) 10 (c) 30 (d) 32
- 9 The equivalent fractions for $\frac{1}{2}$ is
- (a) $\frac{4}{10}$ (b) $\frac{6}{12}$ (c) $\frac{9}{15}$ (d) $\frac{10}{15}$

Question 2 : Answer the following questions :

- 1 Subtract : $2\frac{2}{3} - 1\frac{3}{5}$
- $$2\frac{10}{15} - 1\frac{9}{15} = 1\frac{1}{15}$$
- 2 Multiply then put the result in simplest form : $2\frac{1}{4} \times 2\frac{2}{3}$
- $$\frac{9}{4} \times \frac{8}{3} = \frac{72}{12} = 6$$
- 3 Samira studied math for $1\frac{1}{2}$ hours and science for 40 minutes ,
How many minutes did Samira study in all ?
- $$\text{math} = 1\frac{1}{2} \times 60 = 90 \text{ minutes}$$
- $$\text{Science} = 40 \text{ minutes}$$
- $$\text{math and science} = 90 + 40 = 130 \text{ minutes}$$
- 4 Mr Adel wants to give $\frac{1}{5}$ of a box of candies to each student , he has 9 boxes
How many students will he be able to give candies ?
- $$9 \div \frac{1}{5} = 45 \text{ students}$$

5

Maya ate $\frac{1}{4}$ of 24 sweets ,
How many sweets are left ?

$$\frac{1}{4} \times 24 = 6$$

6

Ahmed ate $\frac{1}{4}$ kg of fruits, Bassem ate $\frac{2}{5}$ kg
How many kg they ate together ?

$$\frac{1}{4} + \frac{2}{5} = \frac{5}{20} + \frac{8}{20} = \frac{13}{20} \text{ kg}$$

7

Yasmin bought $1\frac{1}{2}$ liters of milk , at a price of 2.5 Egyptian pounds per liter
What is the total amount Yasmine paid ?

$$1\frac{1}{2} \times 2\frac{1}{2} = \frac{3}{2} \times \frac{5}{2} = \frac{15}{4} = 3\frac{3}{4}$$

كيفية طباعة صفحات معينة من ملف معين مثلا ازاي نطبع الصفحات من صفحة 4 الى صفحة 9

